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MARCH 1915



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## The A. S. A. Magazine

### March, 1915.

PUBLISHED BY THE ALBERTA SCHOOLS OF AGRICULTURE :: OLDS

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John Climie Dremry Member of the Board of Agricultural Education for Alberta Died Becember 28th, 1914, aged fifty-four

The late Mr. J. C. Drewry was born at Bowmanville, Ontario, and first came West over twenty years ago, at which time he was connected with the Toronto Globe. In 1896 he went to Rossland, B.C., and became interested in various mining propositions, in particular at Moyie, B.C. He came to Alberta in 1904, raising wheat and beef cattle. About four years later he bought the Glen Ranch, at Cowley, and was a successful breeder of purebred Percherons and Holsteins. Mr. Drewry was President of the Canadian Percheron Horse Breeders' Association at the time of his death.

## A WORD TO THE STUDENTS

[From the Minister of Agriculture].

THERE is one thing in connection with the work of my department that I am prouder of than I am of the Schools of Agriculture, and that is the young men and women who are in attendance at these schools. The hope of farming

in Alberta lies in the achievements of the men and women engaged in it, and those who have had the advantage of both a practical and scientific training in Agriculture should lead their community in an effort to increase the profits and improve the conditions of the people on the land.

It is well to keep in mind that farming is no get-richquick scheme, but it is the surest, safest means of cstablishing a home amid surroundings and conditions that make for pleasure, comfort, and good health; and with a reasonable knowledge of its science Agriculture will be-

come a business and life work of absorbing interest and of achievements large enough to satisfy the most ambitious of men.

I want every boy and girl who goes out from our Schools of Agriculture to be a missionary in the interests of better farming and improved conditions in farm life. It must be borne in mind that farm conditions cannot be revolutionized either in a few months or a few years, it is a long process, and the men engaged in it like the men in

most other enterprizes can only accomplish satisfactory results after a great deal of labor and effort. Do not be in too great a hurry to reach the goal of your ambition in farming: remember that the way to that objective is as full of interest as it is likely to be full of years and sometimes somewhat laborious efforts. Lay your plans on a somewhat modest scale: begin at the bottom. not at the middle of your structure; and plan your results and advance by years rather than days. Later you will be surprised at how rapidly those years

rolled around and



MINISTER OF AGRICULTURE

your results will fully compensate for the delay.

The graduating classes go out this year with our best wishes, we hope this is only the beginning of their co-operation with the Department of Agriculture. We want and need

## THE A. S. A. MAGAZINE

## EXPERIMENTAL PLOTS, VERMILION S.A.



(1) Grain Plots. (2) Potato Plots. (3) Another View of the Plots.

your help in all our endeavors to improve conditions in Agriculture and we expect much from you. Your enthusiasm for your work while in the schools is the most encouraging sign of their usefulness, and at the close of your second term your real work has only begun.

We hope to see all our first-year students back next October, their work this year has been such that we would be sorry to lose a single one from next year's class.

Let me offer a word of congratulation to Messrs. Howes, Elliott,

and Stephen, the Principals of the three schools, upon their excellent work. Few institutions of this kind have been as fortunate in having men at their head with the enthusiastic interest in their work and in the welfare of the students as these men have shown, and I might add that the other members of the teaching staffs at the Schools have shown the kind of interest in their work that makes for success.

Sincercly Yours,

DUNCAN MARSHALL.

#### ALBERTA'S LOYAL FARM SONS

THE present terrible war has had the effect of proving that the students of the Alberta Schools of Agriculture are not lacking in patriotism, or slow to respond when the call of duty comes. Each of the three schools has one or more of her students who are either at the front or are in training for active service. Two of the Olds students—R. Georges-Figarol and Raoul Simon-who boast France as their motherland. left for the scene of conflict immediately the call to arms came, and are at present upholding the honor of their country in the trenches at the Two more of the O.S.A. boys-Doan Quantz and William Whiteside—enlisted during the fall and are in training at Red Deer. Two of the students from the Vermilion School have joined the colors. These are William E. Sheppard and Floyd Shaw, who enlisted in the second contingent and are at present in training, Sheppard at Calgary and Shaw at Edmonton. A. J. Middleton, one of the Claresholm students, has also enlisted. These

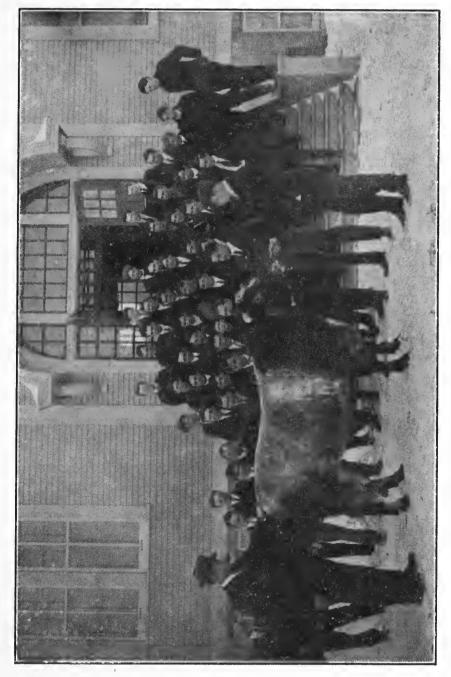
men were among the most popular students at the schools. In spite of the loss to the schools, and although we miss them, yet we are proud of them all, and are sure they will uphold the honor of the cause to which they have devoted themselves, and will give the Alberta Schools of Agriculture no reason to be ashamed of them. We all wish them success and a safe return.

## Alberta Spring Stock Shows

The attention of our readers is respectfully directed to the notices appearing in another part of this Magazine regarding the Edmonton and Calgary Spring Shows.

The Edmonton Spring Show will be held from April 13 to 17. There will be an auction sale of cattle on the 15th and of horses on the 16th.

The Calgary show will run from the 21st till the 23rd, and includes that premier provincial facture the Alberta Spring Horse Show and the Spring Cattle Show, together with an auction sale of horses.



Mr. Will Dryden Lecturing on Shortherns to Students of Vermilion S. A.

## THE LAW AND THE FARMER

By His Honor Judge J. A. JACKSON, Lethbridge District Court, Sec. 1.

BROOM in his book on "Common Law," says: "It is essential to the welfare of the community that in every state there should exist an authoritative body of law, readily accessible, easily intelligible, and impartially enforced."

We all, no doubt, recognise the necessity for such a body of laws, yet in actual practice we do not find it "Readily accessible" or "Easily intelligible."

Speaking generally, however, we ean say it is "Strietly enforced" and as Britons we are proud of it.

While we get some of our laws from the Statutes, some from Judicial writings and decisions, the vast bulk of the law is derived from "Customs" which have been accepted in our Courts as law. The Statutes do not contain any great portion of the

laws and the mere possession of a set of the Statutes does not give one a knowledge of the laws. Unless a Statute speaks definitely on the subject you are interested in and is applicable, it were well not to rely on it. "Customs," I have pointed out, have had a great deal to do with the formation of our laws and

if we remember these customs are the result of wide experience and common sense, we can; I believe, keep from going very far astray. The difficulty in applying the test of common sense is that we are inclined to take a narrow view of the matter

in hand and not keep in mind the rights of others and the welfare of the community in general. Remember "Rights and duties." wrongs and remedies, are the subject matter of law." If we have a right we have a corresponding duty, and for every wrong there is a corresponding remedy.

From the above I would deduce: (a) the Laws are ours and are made for the general welfare of the community in which we live, and as such should be respected: (b) we are necessarily members of a community and have

strict court members of a community and have
certain rights and corresponding duties; (c) Common
sense with breadth of view will keep
us out of many difficulties.

Statutory Law has become necessary because "Custom-made Law" does not always follow closely the changes of opinion and intricacies of community life which come from



HIS HONOR;
JUDGE J. A. JACKSON
LETHBRIDGE DISTRICT COURT



Class in Horse Judging--Claresholm School of Agriculture

increase of population, commercial enterprise and intimate communication.

Statutes have a three-fold purpose (a) to make clear a present law (b) to alter it and (c) to make a new law.

Having very shortly, and I am afraid very crudely, given you a small idea of what the Law is, its uses, and its kinds, I will endeavor to give to the farmers some hints which may be useful to them in their every-day dealings.

In all contracts or deals with your neighbour, your banker, or even the implement dealer have a clear understanding of what you are doing. Very often, litigation arises because of the lack of a clear understanding and sincerity. Do not endeavor to 'beat' the other side. A "Joker" in a contract between two farmers is as much Business'' as it would be where a large corporation is concerned Joker" is a condition left out or a clause put in which gives one party a big advantage over the other. Watch out for it. You cannot afford to have a reputation of being a sharper. Fair dealing begets a good reputation and a good reputation helps credit.

Do not take anything for granted. If you have a written contract, make it contain all the conditions and terms of your agreement. not use "Legal Phrases" unless you are absolutely sure of the meaning of them. State your agreement in simple language and if it is already made up for you be sure you understand every word of it before signing. Read it over carefully and be in no hurry. Beware of the man who wishes to catch a train in a hurry. If it appears to be couched in language

that is not quite clear to you, it would be better to have the opinion of some one versed in such matters. Do this before you execute the document.

As I cannot hope to give a comprehensive review of all the laws in the limited space allotted to me. will confine my attention to certain documents which we come across every day. If you have a clear title to your land, you should have a duplicate Certificate of Title, and if your land is mortgaged this Title will be left in the Registry Office until the land is again When buying, see that the taxes and all Government dues are paid and your title is only subject to the encumbrances you agree to assume. Know the reservation in the Original Grant from the Crown and in the subsequent transfers. In regard to this be sure that the land you are getting Title for is the land you have looked at. Abstract and Certificate as to executions should be obtained and the Title examined carefully before paying your good money. may save future litigation on your part, When giving a Mortgage or assuming the payment of one, get and keep a memorandum showing the exact terms of the same. Have the Mortgagee in either case sign a written statement as to the terms of payment.

Chattel Mortgages, Bills of Sale, and Lien Notes are often confused. A Bill of Sale is a document showing the absolute change of ownership in property. A Chattel Mortgage is a Bill of Sale with a condition attached. A Bill of Sale is only, or rather should only, be used when the Vendor has released all rights to the property and there is no intention that he will in any

event take possession of the property again.

When the Vendor has sold a Chattel such as a cow and immediate possession is not given, the sale must be in writing and such writing registered within thirty days from the execution.

Continued change of possession is also necessary in addition to immediate change of, possession to relieve one of the necessity for registration; otherwise the transaction will be null and void as against subsequent mortgages and execution creditors. If you sell a horse, for example, to your son or your wife, it might be, very difficult for you to prove immediate ; and eontinued change of possession. The Bill of Sale registered will cure this. The transaction, may have been made in good faith, yet unless the Bill of Sale is registered, the execution creditors of the Vendor may come in and claim the horse.

A Chattel Mortgage is a Bill of Sale with a condition or conditions This is used when you take security for the payment of moneys for past, present, or future advances. Remember the Chattel Mortgage is the document to be used when security is taken, and not a Bill of Sale as above described. Do not try to evade the Law by taking a Bill of Sale when in reality a Chattel Mortgage is required. may be storing up trouble for yourself if you do. Putting it conversely, a Bill of Sale with a condition attached or intended is a Chattel Mortgage and as such must be registered in compliance with the laws respecting Chattel Mortgages, This is important. Many have lost by trying to use one when the other should be used ... They must be registered within thirty days from execution.

Lien Notes are in much the same They can only be used where the holder has actually disposed of the goods mentioned in it and cannot be used where you are taking security for an advance of money or other goods. If you lend a man \$100.00 or sell him a horse, taking a Lien Note on some cows would be of no avail. The Lien Note when taken should be registered.

As to Litigation which I beg to distinguish from ',Law'' my advice is "Don't". If it is absolutely necessary to "Go to Law" place your case squarely before your solicitor, giving him both sides of the ease as lionestly as you can and then take

his advice.

My next piece of advice can probably be put this way. Have a partnership agreement with your son or your wife or your neighbor if for nothing else than than to provide a reason for not becoming surety for anyone else. Put a clause in the agreement providing for grievous penalties if you beceme surety or endorser for anyone without the advice and consent of your partner.

Finally, if you have any doubt as to your proper course consult your solicitor. Corporations retain Attorneys and why not the farmers? You can retain your lawyer by giving him all your legitimate business whether mortgages, transfers or litigation. If you have appendicitis you go to your doctor and not to the veterinary, and conversely if your calf has the colic. Above all, do not hire a lawyer to put in your spring crop, Good advice is always worth paying for: poor advice the same and free advice what you pay for it. This advice is "free, gratis and for nothing" and you can guage its worth accordingly.

## Alberta's Place in Canadian Agriculture

By GEO. HARCOURT, B.S.A., Deputy Minister of Agriculture.

A LBERTA does not loom large as yet in the agricultural horizon. when compared with the other provinces of the Dominion, but she possesses potentialities of which few

of her own people are fully aware and which are practically unknown to the outside world. These possibilities are becoming better known and as a result Alberta is on the eve of a great settlement and development.

AREA OF ARABLE · LAND.

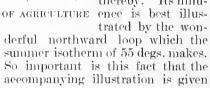
According to a statement recently issued by the Census and Statistics Office at Ottawa. the province has close to 100,000,000 acres of land suitable for agricultural purposes. This is eonsiderably the largest area of cultivable land possessed by any province in Canada. As yet it is almost untouched—less than five per eent. being DEPUTY MINISTER OF AGRICULTURE

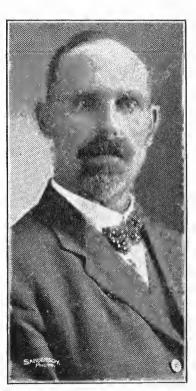
aetually under the plow and producing — therefore, there is room and opportunity for a wonderful expansion and development.

CLIMATE.

One of the greatest assets the province has is her climate. Lack of space, and in order that its relation to agriculture may be dealt with

more fully, forbids more than a passing reference to its health-giving qualities: the long hours of sunshine having given rise to the consequent happy appellation, "Sunny Alberta". The great possibilities, so far as agriculture is concerned, in the northern portion of the province are due to the moderating influences of the Japan current strik ing the Pacific coast and being pocketed under Alaska. Just as the climate of the west coast of Europe is ameliorated by the Gulf Stream, so the Japan current is doing a similar work on the west coast of North America and Alberta is benefited thereby. Its influ-



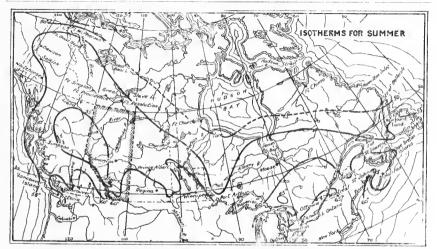


GEO. HARCOURT, B.S.A.,

to show how far-reaching this moderating influence is. There was a time when a country's possibilities from an agricultural standpoint were judged from the mean annual temperature. This was found to be a mistake, as it is the summer temperature which settles the growing of crops. On this point I cannot do better than quote from the evidence given by Mr. R. F. Stupart, Director of the Dominion Meteorological

tion altogether.

"This isothermal line would extend from almost the foot of the Rocky Mountains, run almost north, following the mountains, and extend certainly beyond Lake Athabaska, down half way across Lake Athabaska, thence north of Lake Winnipeg. Such a line would have almost the whole of Alberta south of it; in other words, the whole of Alberta has a summer temperature



Map showing the great northerly loop which the Summer Isotherm of 55 degs. makes, and which makes possible the growing of crops over the whole of the Province of Alberta, and even farther north.

Service, before the Senate committee in 1907, as follows:

"The practice is to draw isothermal lines every five degrees, and he considered 55 degrees too low a temperature for assuredly successful agriculture. A temperature of 57.5 degrees, provided that remains for two months, is perfectly safe for agriculture. Without doubt the summer temperature is the one which settles the question of vegeta-

equal to, or greater than, that of England, and as far as elimate is concerned there is no place in the province where grain could not be grown and ripened."

GRAINS OF HIGH QUALITY.

That wheat can be grown within the area covered by the summer isotherm of 57.5 degrees, and even farther north, has been amply demonstrated; while oats, barley and potatoes have been grown to practi-

eally the limits of the summer isotherm of 55 degrees. It is a well known fact that the southern portion of the province grows spring and winter wheat to perfectionwheat good enough to carry off high honors for a number of years in succession at leading expositions; but it is not so generally known that the wheat grown in the northern portion of the province is capable of doing the same thing. When one remembers the well known law in plant life that the farther north grain can be perfeetly matured the nearer perfection it reaches, it will not be surprising to learn that wheat grown at Fort Chipewyan on Lake Athabaska was awarded a bronze medal at the Centennial Exposition at Philadelphia in 1876; and wheat from Peace River Landing was at the top at the World's Fair at Chieago in 1893.

Wheat has been grown at Fort Simpson and Fort Norman, 140 and 340 miles respectively north of the province. This is not for one year but a number of years. It is true the quantity is small, because there is a limited market for it, but with the advent of settlement and the introduction of early maturing wheats, such as Marquis and Prelude, the possibilities from an agrieultural standpoint are indeed almost unlimited. Oats grow to perfection throughout the province. According to the evidence given before the Royal Grain Commission, 85 per eent, of the oats grown in the province will weigh over 42 lbs. to the bushel. The first prize oats at the annual Provincial Seed Fair have regularly weighed 48 to over 50 lbs. per bushel, and Alberta oats were good enough to win high honors at the Paris and St. Louis

Expositions. Much the same story can be told about barley.

#### NATURAL VEGETATION.

On the prairies in the southern portion of the province the grass eures on the ground in the fall and makes ideal winter feed. The chinooks elear away the snow and the mildness and dryness of the elimate, together with the shelter of the ravines and coulees, complete almost ideal conditions in nature. In the park country the mat of vegetation on the land shows a wealth and variety of plant life that is the admiration of the new-corner. Its density, quantity and feeding value compel attention. Where such conditions for growing feed exist naturally it is only reasonable to suppose that cultivated varieties of plants for summer and winter feed can be grown successfully.

So far as the growth of corn is eoncerned, it has not been attempted on a large scale, but sufficient success has been attained in growing it for fodder as to lead to the belief that much greater success lies in the future. Of all the crops grown on the farm, corn is the one most easily educated to new conditions of environment. Originally a southern plant, its growth has been pushed steadily northward, and it will yet be grown generally in Alberta.

#### FRUITS, ROOTS, VEGETABLES.

Root crops do well all over the province and ensure a splendid winter feed. Vegetables also grow to great perfection and indicate great possibilities along that line.

The small fruits—strawberries, raspherries, gooseberries and currants—grow wild wherever there is

shelter, and the cultivated varieties also are doing well wherever tried and protected by a shelter belt. As yet they are not grown commercially but are a potentiality of great importance.

The larger fruits, plums and apples, are not quite so promising, but the wild cherry grows in almost every clump of trees, and where the wild cherry grows the apple will grow. Apples have been grown at quite a number of points in the province and as far north as Edmonton. With hardy root stocks and shelter belts for protection, apple orchards are more than a dream of the near future.

#### A LIVE STOCK COUNTRY.

The foothill country was the wintering ground of the buffalo. Here, by pawing away the snow, they lived on the grass cured on the ground in the fall. The trees of the ravines and coulees provided shelter from the winds and storms of winter. The buffalo are gone, but cattle and horses thrive under similar conditions. The cattle are fat in the spring and the horses ready for spring work, steers fed in the open making gains of over a pound a day. The rich pasture and cool nights make ideal conditions for dairying, and the steady, dry winter climate is not adverse to the successful production of milk in a large way. With an abundance of natural feed, Alberta is essentially a live stock country.

#### DIVERSIFIED FARMING.

In conclusion let me summarize: Alberta has the largest area of arable land of any province in the Dominion; the soil is exceedingly rich, and the heaviest rainfalls coming when the crop is on, the land is not

subject to leaching; the natural vegetation gives luxuriant and continuous pasture; fodders for winter feeding are abundant; grain of a superior quality and yield is grown; roots, vegetables and small fruits do well; dairying and hog raising are becoming leading industries; it is a natural live stock country; and last, but not least, the climate is exceedingly favorable for the development of a strong, virile race of men. All these conditions point to diversified farming, and it is along these lines that Alberta is going to make a place for herself in the agriculture of the Dominion that will not be surpassed by any other province. When it is remembered that the great German Empire, with an area one-fifth less than this province, is supporting a population of over 65,000,000 and growing ninety-five per cent. of her own foodstuffs, with much of her land inferior to that of Alberta, one cannot but be impressed with the truly wonderful possibilities of this province and the great achievements that are bound to come as the forces making for the uplift of agriculture are fully brought into play, and united with its almost unlimited and greatly varied natural resources. It really is a province of which every one should be proud.

#### A CAP TO FIT THE KAISER

Impiger, iracundus, inexorabilis, acer, Jura neget sibi nala, nihil non arroget armis. (Ars Poetics 121)

Eager, implacable, untired, By pride and anger quickly fired, He laughs at laws and plighted word, His sole arbitrament the sword.

THE BISHOP OF LINCOLN

## Agricultural Education in Alberta

By E. A. HOWES, B.S.A., Principal, School of Agriculture, Vermilion,

YOUNG country, preparing its scheme of agricultural education, stands in a position to make rapid progress if the scheme is based on high ideals and a desire

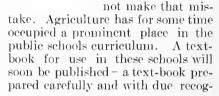
to profit by the experience of older countries. Alberta stands in that interesting position today. Alberta has laid plans for a comprehensive system of agricultural education that shall embrace all that is best in older provinces together with certain new departures which seem advisable in the light of the experience of those older provinces. Education must be progressive, and it is no reflection upon the good work that has been done elsewhere that we seek to improve upon that good work.

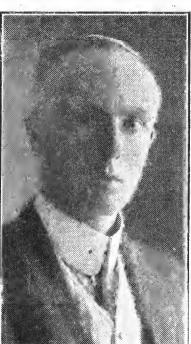
All logical edueation must begin Teach the child things agricultural

and when he is older he will not depart from them. There is a distinct place for agriculture in our public schools, and it is by neglecting a fundamental principle, recognized in most other departments of cduea-

tion, that little has really been accomplished in raising agricultural standards. In older Canada we began with the college and trusted to providence and a text-book to look

after the rest. Many of the votaries of so-called "cultural education" forgot that their Mahomet, the late Dr. Rverson, earnestly recommended the early introduction of a full measure of agricultural teaching for the child. It is well worth considering whether, if his advice had been followed, so many of our bright children would have grown up with the idea that to better themselves they must leave the farm. What respect could they have for the profession of their fathers when it was not deemed worthy of consideration in the scheme prepartion? Alberta will





E. A. HOWES, B.S.A., with the child. PRINCIPAL, SCHOOL OF AGRICULTURE, ed for their educa-VERMILION.

nition of the dignity belonging to that which it is intended to teach. In 1913 some eighty teachers received special training in agriculture; in 1914 one hundred and eighty entered for the course, and this year the applications will probably exceed three hundred. Agricultural education in Alberta's public schools is being well cared for.

Progress in agricultural education in Alberta is not confined to the public schools by any means; agriculture holds also a high position in the high schools curriculum. If agricultural education in the public schools is so important the work of the high schools is as a consequence doubly important. Not only is it essential that the high school student should receive adequate education in agriculture, because it is the paramount industry of our province: nearly all our rural teachers are either town bred or have received their high school training under town conditions, so the Department of Education of Alberta intends to see to it that the young teachers going out to teach in the country shall have received agricultural training that shall arm them with the sympathy that comes from understanding. This work will be taken up by the science teachers in the high schools, and these teachers are to have special training in agriculture to fit them for their work; some of them already have the necessary During the coming preparation. summer a course for these teachers will be put on at the summer school at the University of Alberta.

Only a small percentage of our public and high school pupils enter the teaching profession. Many of them go back to the farms, and this number will be greatly increased

when our schools are able to give agriculture the full recognition it deserves. These pupils should have a chance to get further agricultural training—a training that shall fit them for life work, and shall not foster discontent with the home surroundings. The Department of Agriculture in Alberta is very much alive to the needs of these pupils. Already three Schools of Agriculture have been established, schools which aim to give the young people a practical training in things agricultural theory backed by practice—which shall well fit them for the life before them. At present Alberta has a great number of young people whose parents come here facing extreme pioneer conditions—conditions so severe that the children have had, up to the fall of 1914, very little chance to attend an educational institution where they would not feel out of place. Too old to enter the grades to which they belonged in the public schools, they have welcomed the advent of the Schools of Agriculture. There will always be some young people who, for one reason or another, have not seen much of the inside of a school and who, as they grow older and wiser, will seek to take advantage of the opportunity offered by the Schools of Agricul-This class, however, must ture. fall away in numbers as Alberta's increased prosperity and improved educational opportunities lead to every child getting a chance of a good education. When that time comes we will find our Schools of Agriculture still crowded, but with students rather younger and better educated; but students who come there because it is recognized as the right thing to do, because their training in the public and high schools

#### THE A. S. A. MAGAZINE

has given them a fitting sense of the dignity and importance of agriculture, and has made them eager to attend institutions that will fit them to be better producers and better home-makers.

At these Schools of Agriculture special attention is given to Field Husbandry, Animal Husbandry, Farm Mechanics and Household Science. Co-related with these the students get a consistent training in English and Mathematics, with special attention to those most needy in these branches. Agricultural Physies, Botany, Chemistry and Bacteriology are not neglected. Dairying, Poultry and Veterinary Science are taught by visiting instructors. two year course at these schools varies from the associate course at a regular college, in that the practical branches are particularly emphasized, while the minors receive rather less attention. This is as it should be in an institution which aims to send the boys back on the farm. Tuition is free, the student being at the expense of board and a few text books. Last year the three schools enrolled 268 students; this year. despite the unfortunate stringency, the enrollment will easily exceed

300. Alberta's Schools of Agriculture have "made good" in short time. The phenomenal success of the schools is due to the practical course offered, the comparative nearness to home and to the fact that the schools are situated among surroundings familiar to the prospective student.

Thus it will be seen that Alberta's system of agricultural education is founded upon a logical and progressive basis. The young child sees his home life associated with the work of the school. He finds in the high school an adequate recognition of the importance of the work in which his father and mother are devoting their lives. As he grows up the idea is developed in him that farming is an important profession: that it requires special education to be a good farmer, and with this idea he will avail himself of the opportunities offered by the Schools of Agriculture. It is not too much to expect that Alberta's system of agricultural education will reduce materially the drift from country to city and the loss of so many bright young people to the Profession of Agriculture.

## The Living

Lord God of Hosts, within Thy keeping hold Our motherland! With mercies manifold And gracious gifts divine point Thou the way Her feet shall follow to the Judgment Day, Lord God of Hosts!

When for the great assize Thy trumpet sounds, O grant her strength to rise, Peerless from her omnipotent estate, With honor, power, and fame inviolate, Lord God of Hosts!

ANTHONY KIRBY GILL.

Pall Mall Gazette



Class in Cooking--Claresholm School of Agriculture

## THE FARMING PROFESSION

By W. J. STEPHEN, B.A., B.S.A., Principal, Claresholm School of Agriculture

PARMING is the most noble, independent, and healthful of all professions. It is no longer a game of chance, but a science involving every other known science. Years have been spent in studying and solving the problems of Agricul-

ture, with the result that there has been established ascienee of farming which elevates it to the ranks of any of the leading professions. A knowledge of this science climinates all drudgery and uncertainty and makes farming both pleasant and profitable.

The demand for competent young men as farm managers at good salaries is much greater than the supply. and this demand is rapidly increasing. Many farms in the Western portion of Canada and the United States are W. J. STEPHEN, B.A., B.S.A., passing into the hands of capitalists, who prefer to have

their money invested in this way, rather than in city lots and railway stocks. They are certain of interest on the money invested and of increased values through a scientific improvement of their farm, properties.

Our agricultural colleges and experiment stations are doing a great work in educating farmers' sons. Their scope, however, is not wide enough to properly meet the call for more and more scientific agricul-The Schools of Agriculture turists.

recently established in the Province of Alberta will do much more towards spreading correct agricultural knowledge out among the farming clement. The day is not far distant when there will not be a single farmer's son who has not profited by this great and new system of education that is being carried out at his own door.

It has been truly stated that agriculture is the foundation on which rest all other industries. This being the case then, is it not quite reasonal le to ask that agriculture be given a more prominent place in the curriculum of our

high and public schools? Much of time now spent in the study of foreign languages, however much mental discipline they may afford, could be put to much better profit in a careful study of practical farming and of scientific laws which



PRINCIPAL, CLARESHOLM SCHOOL OF AGRICULTURE



Class in Chemistry, Claresholm School of Agriculture

intelligent and profitable govern The departments of edufarming. cation for the various provinces of this Dominion are wide awake to this fact, and much has been done in recent years to bring this ideal to a state of realization.

If a young man in Alberta has an inclination for farming, he should take a course of instruction in one of these agricultural schools, after having obtained a good English education at the public schools, and, if possible, proceed from there to the eentral agricultural college so that he may properly fit himself for his profession, and be prepared to fill the highest position his calling offers his community demands. Many farmers without the knowledge of the scientific principles of agriculture have by industry and economy made a financial success. As a rule experience is a hard master, and very frequently ends in failure. A scientific knowledge of the profession would certainly have increased their profits and added much happiness to their lal ors.

No matter how much thorough knowledge of farming a man may have, if he lacks system and interest, failure will likely be his lot. the enthusiast who reaches the top of his profession. The successful farmer should know how much per acre it costs to grow each crop. Any crop for which the returns do not exceed the cost of production should be discontinued, if the cause of loss eannot be remedied. An account should be kept of all receipts and disbursements, and at the end of each year an inventory should be taken of stock, implements, and products on hand.

No animal should be kept unless it gives a profit over the cost of feeding and labor required. Many

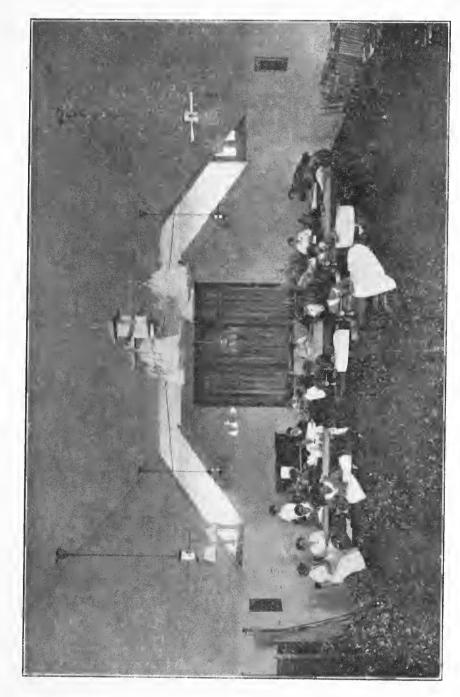
a good herd of dairy cows has had a profit turned to a loss by the introduction of one or more poor milkers. The returns can easily be obtained by the use of the scales and

a simple Babcock Tester.

The scientific farmer understands how to restore fertility to the soil and maintain it by a systematic rotation of crops. In general, all perplexing soil problems are carefully studied and skilfully handled. He not only studies how to grow and harvest his crops, but also how to dispose of them to the best advantage. These and a thousand other problems confront the farmer from day to day, and only he who has been scientifically trained can ever hope to dispose of them successfully.

The great majority of young men who graduate from the Schools of Agriculture will return to the farm. The education they have received in the previous two years can have done nothing more than lay the foundation on which to build and Their life work has just begun. These men, as they return to the farm, become the leaders in agricultural idealism which sets the standard for farm life. Everywhere in rural communities there is a woeful lack of leaders, which is only equalled by the inability and unwillingness of many country people to

The Alberta farmer has only hegun to dream of a beautiful, comfortable, convenient home. Architecture and landscape gardening have not hitherto been in his program. But the dawn of a new country life is at hand. The graduates from our Schools of Agriculture will put into practice those principles they have been taught. The farm homes will be beautified and the now bleak plains transformed.



Class in Sewing, Claresholm School of Agriculture

## Hogs and the High Price of Feed

By W. J. ELLIOTT, B.S.A., Principal, School of Agriculture, Olds.

ONE of the first questions asked by a student in the live stock classroom last term was this, "At the present price of oats, will it pay me to winter over 30 sows which I have at home? At the

time this question was asked, the market for feed oats was 35c. per bushel. Since that time feed oats have steadily increased until the present price is 56c. per bushel. If the above question was important when oats were 35c. per bushel, it is infinitely more so with oats at 56c.

Hogs Dumped on Market.

Thousands of farmers in Western Canada were asking themselves the same question as the student asked, and as feed prices rose higher and higher, many convinced themselves that they could not feed 35c. oats profitably, and so the hogs began to come on to

the market. Those who had more faith, and trusted to the war to raise the price of meats generally, hung on until oats touched 45c. and 50c., but eventually many of these could stand the pressure no longer and their hogs were sold. In some sections, oats reached 55c. to 56c., and this also brought in more hogs, so that the general upward tendency of oats and other hog feeds has been to dump upon the market an

avalanche of hogs from Western Canada. This would not have been so serious had it not been for the fact that a very large percentage of these hogs were not properly finished.

Those that had nearly weight enough were too thin, but the great bulk were halfgrown hogs weighing in the neighbourhood of 100 to 140 lbs. One firm in Winnipeg alone shipped to the coast 1400 carcasses of hogs that weighed less than 100 lbs. live weight. It has been estimated by those who are in a position to know that Western Canshort of her supply



they could not feed 35c, oats profitably, and so the hogs be-PRINCIPAL, SCHOOL OF AGRICULTURE, and is 800,000 hogs

of one year ago. There could be but one effect of this and that was that hog prices have remained low.

The War and Meat.

A thing that is somewhat hard to understand by the breeder of hogs is the present low price of pork when the nations of the earth are indiscriminately slaughtering their meat supply to feed the largest armies the world has ever seen. Up to date there seems to have been comparatively little meat products shipped from America to Europe.

Now, it is a combination of two things that, in spite of the war, has kept hog prices low. In the first place the high price of feeds has poured on to the market a tremendous number of half-finished hogs, and in the second place, Europe has not yet begun to eall for America's Meat Supply, as she must do in the very near future.

It is a well-known fact that the world's supply of meat has been steadily decreasing in proportion to the increase of population. The war in Europe will accelerate this and Europe will come very close to using up, not only her meat supply, but her breeding stock as well.

#### WHERE IS THE MEAT?

One might well ask "where is the meat from all these hogs and cattle?" If we were to go to the refrigerator rooms of the packers of Western Canada, we would get an answer to the question, and I think would find hams, shoulders and bacon crammed into every available foot of space.

Europe must eall very shortly on America's Meat Supply. This, we think, will begin in June or earlier, and we anticipate that meat will reach its highest movement and highest price in July, August and September.

How About the Farmer?

The high price of grain has driven the farmers' hogs out upon a low market and as his spring pigs cannot be ready for market until October,

he will therefore not be in a position to take advantage of any high prices during the summer. Those who are so fortunate as to have early spring litters may, if the hogs are kept growing, catch the last end of the bulge" in hog meat prices. There is, of course, the possibility that a very large movement of American meat to Europe during the summer may reduce our Canadian supply to such an extent that high prices may obtain during the fall. However, the danger will be that all our spring pigs will come upon the market at once, and that offers, at least, the excuse for the hammering down of prices.

#### FIFTY-SIX CENT OATS

Whether or not the ordinary farmer can make a profit by feeding 56¢ oats at present meat prices, is a Those who debatable question. have special facilities and who know how to feed may be able to do so, but we doubt if the ordinary farmer with his ordinary facilities and ordinary methods of feeding can make very much with 56¢ oats when pork is at \$6.60 per hundred. (Olds prices Feb. 26th, 1915). In spite of this faet, and even though oats are 56¢ per hundred, the farmers of Western Canada should think twice before dumping hogs on to the market, as has been the ease this fall.

As has been pointed out above, Western Canada is some 800,000 hogs short of her supply of twelve months ago. Among there a great many females, old and young, have been marketed. It is in this particular respect that the hog shortage in Western Canada will affect the farmer. About the time that hog prices begin to advance again, hundreds of farmers will begin to

#### THE A. S. A. MAGAZINE

look for breeding stock, and just as they lost money by selling when prices were low, so will they lose money by buying back breeding stock when prices are high.

#### Hog Sense

11

He who consistently and persistently carries a certain number of sows and sticks with the hog production game, when prices are good and when prices are poor, will make more money out of the hog

business than will he who tries to increase or decrease his bunch of hogs with the market price, for the last mentioned man will always be selling out on a downward market, and will be buying in again on a rising market.

Keep a certain number of hogs all the time, and you will always be ready for the high price when it comes.

#### THE BOY WHO LEFT THE FARM

Somehow I've lost my appetite,
Strange, victuals don't taste good no more;
The coffee's weak, the butter's strong—
Nothing seems like it did before.

Thought I was tired to death of chores, Of chopping, plowing, planting, hoeing, With nickels scarcer than hens' teeth— And so I thought I must be going.

And now—ah! what a fool I was!
I left at night my bed so warm,
To tramp these tangled, crowded streets,
Wishing I was back on the farm!

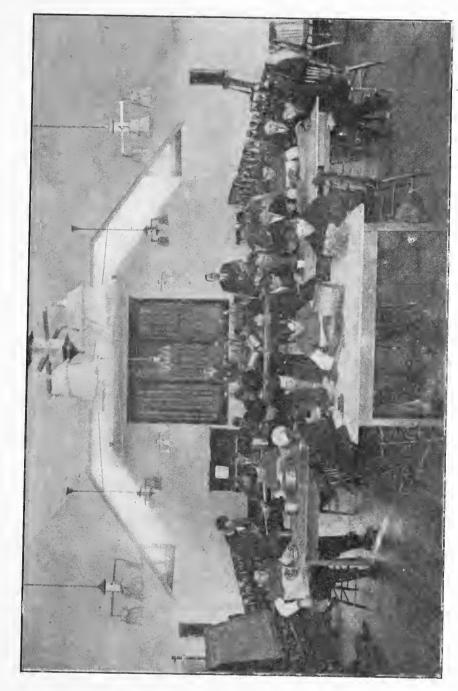
Wouldn't it tickle pa and ma,
I wonder, 'most as much as me,
To see their boy back home again?
I've half a mind to go and see.

To milk old Bloss, and hear once more The new milk's jerky, frothing sound; Yoke up pa's steers, saddle ma's roan, And earry feed to the hogs all round.

Wonder, do many fellows spend, As I did, too much time a-wishing, Neglecting home and work, to sneak Down by the quiet creek a-fishing?

Wonder how many, same as I,
Finding 'bout all they get is bites,
Strike back in time for the only place
I know of where poor boys have rights?

CLARESHOLM S.A. STUDENT.



Class in Grain Judging--Claresholm School of Agriculture

## FROM THE EDITOR'S CHAIR

THE publication of the first number of the "A.S. A. MAGAZINE" represents a unique achievement. Very few publications have been attempted which would have the effect of linking up three educational institutions separated by distance as widely as those combining in the issuing of this Magazine. Now the Magazine, issued jointly by the three Schools of Agriculture at Claresholm, Olds and Vermilion, is an accomplished fact, the difficulties that have been encountered seem in no way to have been magnified; but their suecessful overcoming has been a task of pleasure for the Magazine Staffs at the three schools. This year the Magazine has been printed at Olds, but is being published simultaneously at Vermilion and Claresholm. A large share of the work naturally fell upon the Olds Staff, but the work of the other Staffs at Claresholm and Vermilion, efficiently and loyally performed, has been just as important in bringing about that big measure of success which has crowned our efforts.

Last year the "O.S.A. Magazine" was published at the Olds School of Agriculture and received kind acknowledgement and appreciation whereever it was read. That Magazine was a very gratifying success, and its future success was assured, but for the sake of the larger and more worthy object to be obtained in linking up the three Schools of Agriculture, the Olds students consented to merge their publication into the larger one now issued. We do not think they will have cause to regret their decision.

We are particularly indebted for support to the Department of Agriculture of the Province and the firms who are carrying their advertisements in this issue. At a time like the present, when every business firm and corporation is curtailing expenses, the response to our request for advertisements has been gratifying in the extreme. At the same time, we honestly believe that 1,550 copies of this Magazine going directly into farm homes of Alberta afford an exceptional opportunity for profitable advertising.

The Minister of Agriculture and the officials of his Department have given us very valued assistance. To the Hon. Duncan Marshall, His Honor Judge Jackson, of Lethbridge, Geo. Hareourt, Deputy Minister of Agriculture, and Messrs. Howes, Stephen and Elliott, principals of the three schools, we are indebted for articles which will be read with interest and profit by all readers of the Magazine. Owing to pressure upon our space, we were unable to print several valuable articles which had been written for the Magazine by other prominent men who are specialists in various branches of agriculture, for it is the intention to make this Magazine a medium of valuable information as well as interesting reading. This will only be in keeping with the object of the schools and of those who established them.

The Schools of Agriculture have formed already an inseparable bond between the farmer and those whose privilege it is to try to assist him in the practical and scientific application of farming methods. The readi-

#### ALBERTA

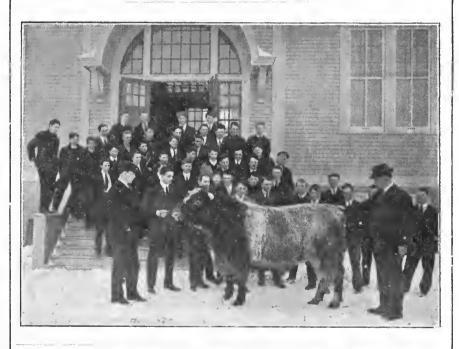
## Provincial Schools of Agriculture

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FREE TUITION in all branches of Practical and Scientific Agriculture

FOR THE GIRLS:

FREE TUITION in all branches of Household Science and Domestic. Economy

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Principal, Claresholm.

E. A. HOWES, B.S.A., Principal, Vermilion.

W. J. ELLIOTT, B.S.A., Principal, Olds.

#### THE A. S. A. MAGAZINE

ness to help forward the Magazine which we have found on every hand is only another evidence of the appreciation of these Schools. The following letter is an interesting example of this:

Massey-Harris Co., Ltd., Calgary, February 2nd, 1015.

W. J. Elliott, B.S.A., School of Agriculture, Olds.

Dear Prof. Elliott, -I am forwarding by concurrent mail an order for a little advertising in the March issue of the A.S.A. Magazine. I do this in the hope that it will be a little encouragement to those who are responsible for the getting out of the Magazine in question, and also as an evidence of the interest I have always felt in the Provincial Schools of Agriculture. I may say that these Schools are one of the best possible assets to our Province, and I am fully confident that the educational work done from year to year will have a decided influence for the betterment of rural conditions generally in this Province.

I will be glad if you will see that a copy of the Magazine in question is mailed

to my address. Thanking you in anticipation, --- Yours sincerely, (Sgd.) A. W. TRICKEY, Manager.

It is a very significant fact that, notwithstanding the general conditions prevailing, and the drawback experienced by part of southern Alberta owing to the drought of last year, the enrollment at the Alberta Schools of Agriculture for 1914-15 has been 285, as compared with 268 for 1913-14.

The present issue of the Magazine is dedicated to the memory of the late James Climie Drewry, of Cowley, Alta., one of Canada's foremost stockmen and a member of the Board of Agricultural Education for Alberta. The services of two other members of the Board were lost to Alberta during the year by their removal from the Province, these being Bryce Wright, formerly of De Winton, and James Murray, of Suffield. Their places have been filled by the appointment of Dr.A.E.Shuttleworth, B.S.A., B Sc., of Blackie; Chas. S. Noble, of Nobleford; and Lew Hutchinson, of Duhamel.

> H. HIGGINBOTHAM, Editor-in-Chief, A.S.A. Magazine.

#### OLD STUDENTS' ASSOCIATION

WHILE the "A.S.A. Magazine" was the first step in the linking together by student effort of the three Schools of Agriculture, there has just been formed an old students' organisation, called the "Alumni Association of the Alberta Schools of Agriculture," which will render an important service in the same direction.

The following are the objects of the Association, briefly outlined:

(1) To unite graduates, both men and women, of these Schools for social purposes, and to this end to promote reunions, and to arrange, when the strength of the Association shall warrant, for the holding of an annual convention of the graduates,

(2) To keep the old students in touch with the work being done in the Alberta Schools of Agriculture, and to stitudate their interest in the welfare of these Schools.

(3) To advance the causes of agricultural education, the development of rural home-life within the Province, and especially to urge the graduates to continue the study of agriculture, along the lines laid down in these Schools.

4) To unite the members of the Association in all their efforts to promote the development and prosperity of agriculture in Alberta.



## Province Alberta

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Much of her
best agricultural
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available as free
homesteads.



ALBERTA'S

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STOCK RAISING—Alberta's first important industry still holds premier place. Abundant natural feed ensures success. Dairying is now firm'y established, and Alberta will be as famous for butter production as Denmark or Wisconsin.

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demonstration farms provide splendid opportunities for Alberta's farmers to study scientific agriculture under ideal conditions.



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schools of agriculture are absolutely unique in providing free agricultural education to all who require or desire it.

FOR FULL INFORMATION, APPLY TO-

CHAS. S. HOTCHKISS,
Chief Publicity Commissioner,
Edmonton, Alberta.

Hon. DUNCAN MARSHALL, Minister of Agriculture, Edmonton, Alberta.



# Claresholm. Section.





A.S.A. MAGAZINE



## Claresholm Staff

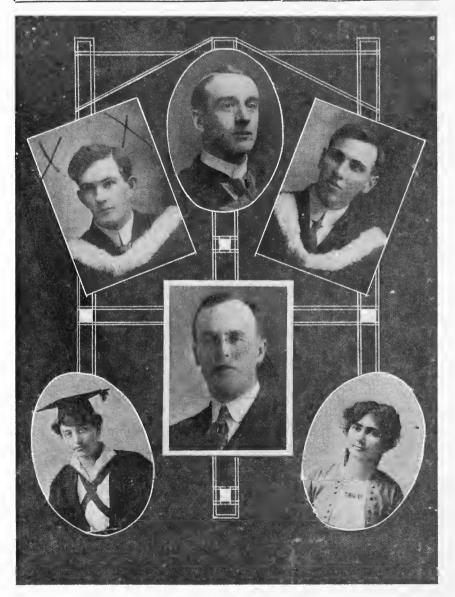
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## A.S.A. MAGAZINE

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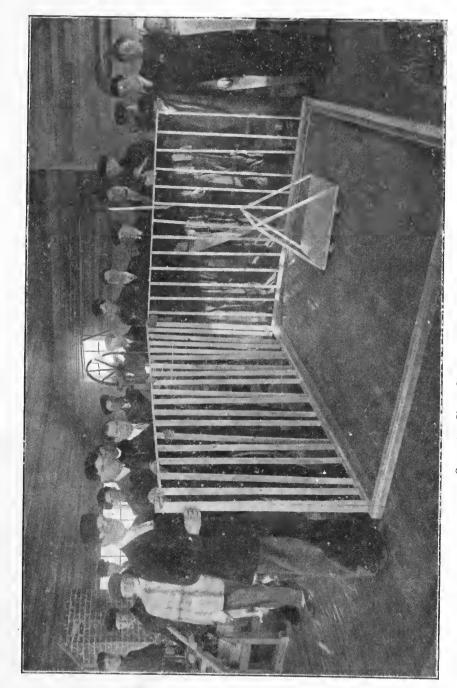
### CLARESHOLM S. A. FACULTY



Centre—W. J. Stephen, B.A., B.S.A. (Principal).

Top Row (left to right)---O. S. Longman, B.S.A., J. C. Hooper, M.A.,
F. M. Abel, B.S.A.

Below---Miss Hayward (Household Science), Miss Frank (Assistant).



Carpentry Class, Claresholm School of Agriculture



MISS DONNELLY. We have all felt the absence of Miss Donnelly since her departure for Gaylor, Mich. Miss Donnelly was one of our best students as well as our favorite reciter. "Doodles" was a member of the Social Committee, and also Editor-in-chief of the Claresholm branch of the A.S.A. Magazine. Her absence has been a check to the work of the staff. However, we all wish her joy and happiness in her new home.

C. W. CARNEY. Since the opening of the school Carney has thrown himself whole-heartedly into the school life here, particularly into the social activities. He has proved his efficiency in all class work and has been the mainstay of the debating team. Clarence was unanimously elected President of the Students' Self Governing Bedy, was Secretary of the Y.M.C.A. and Business Manager of the A.S.A. Magazine staff at Claresholm, which capacities he filled admirably.

JOHN WALKER. In the school's activities few have given evidence of more enthusiasm than has John Walker. He has shown his worth as Literary President for 1915 by the success of all our meetings. John took up the editorial work of the magazine upon the resignation of the Editor-in-chief. He was also an active member of the Y.M.C.A. Executive. If "Scotty's" life is as successful as his work in school, we are sure he will be one of Alberta's foremost exponents of agriculture.

MISS E. KNIGHT. The Social Committee is much indebted to Ethelyn for her numerous vocal selections since the commencement of the school. Not only has she been a great help to the social life of the school, but as President of the Second Year Girls during 1914-15 she was a favorite. She was elected Social Editor of the A.S.A. Magazine at Claresholm, which position she filled in her usual way.

J. A. JOHNSTON. The success of the Literary was attained considerably by the energetic Secretary, Jim Johnston, as he was familiarly known. Besides this office, which he held undisputed during 1914-15, Jim was the worthy Vice-President of the Y.M.C.A. and the invaluable Secretary-Treasurer of the A.S.A. Magazine staff. Jim's hobby at the school was live-stock, in which class he was generally first, and we can foresee a great future for him on his 'Hat ranch.



J. A. MACDONALD. The Y.M.C.A. has not suffered in the hands of President Macdonald since its organization in 1914. By his energetic, tireless work he has built up a society that is a credit to the school. "Mac" represented the "Y" at the convention at Lumsden Beach, 1914. Besides being interested in this work, several of our promising "white hopes" met their fate with the gloves at Mac's hands.

MISS M. SNYDER. One who does not know Mary well might think from her demure expression that she is of a very serious turn of mind, but such is not the case. If you are ever in the blues, go to Mary for a bit of humor to cheer you up. The girls were fortunate in obtaining such an one as President of the Girls' Athletic Association. In addition to this, she was elected Circulation Manager of the Magazine.

THOS. HAGERMAN. In connection with the athletics of the school Tom has taken an active part, football and skating being his favorite pastimes. In wrestling he was easily the best in the school, and in singing he has shown his talent, having been an active worker on the Social Committee. During 1915 Tom was unanimously elected President of the Second Year Boys, and besides being a very active member of the Y.M.C.A. was also associated with the A.S.A. Magazine.

WILFRED HEMPEL. Coming from sunny Retlaw, Wilfred seems to have benefitted more by the course of study at the school than the majority of the students. On the Magazine staff Hempel acted as Sub-Editor on literary work. He was one of the leaders in social enterprises. Wilfred has always shown promise of oratory, which developed with time, until he became an important member of the debating team of 1914-15.

MISS E. STRANGWAYS. Edith has been one of the heartiest supporters of the social life of her fellow students. Throughout her school course she has attained a high standing, and has gained many friends because of her kindliness and cheerfulness. It is the hope of all that Edith will meet with merited success in the future.



M. C. CASPELL. In all the athletic sports in connection with the C.S.A. Caspell was always to the fore. He showed his talent and agility at football, sprinting and hockey, and was the champion all-round athlete on our field day this term. Murray was a general favorite amongst the students, and proved a very active President of the Athletic Association during the 1915 term.

R. G. McLEAN. Although the opposite in stature to his tall cousin, R. G. was popular among the students of the school. Robert was a close contestant for the position of goalic on the hockey team, at which place he was seldom excelled. He was President of the Second Year Boys for 1914, and a diligent student at all work.

MISS L. SCHOOF. Leora has shown her executive ability this year as Vice-President of the Literary Society. Her talent has been a source of aid to the Social Committee at the Friday evening entertainments. In the position of Literary Editor she has been a great help to the Magazine staff. Leora's favorite recreation of late is skating, while an occasional ride in a "Ford" suited her taste.

H. II. McLEAN. Hugh hails from the windy burgh Macleod, and his commanding height and speed on skates make him a favorite on the rink. H. H. has been an earnest supporter of the social entertainments, at which he was always present. Besides being interested in the brighter side of life, Hugh has proved himself one of our best students in all branches of agriculture.

H. J. HIRSCH. Athletics and the social side of the routine seemed to be Hirsch's favorite pastimes. Although H. J. is noted for having a powerful chest, he never really showed his ability in this line but once, when he displayed a master hand with the shears. He managed the skating rink very successfully, and was of great value in the social work. Herman was an officer of the Literary Society, and through the work of such men as himself and his fellowworkers our evenings have been a success.



MISS MAY AMUNDSEN. Few around school are better known or liked than May, because of her amiability and cheerful nature. She was an active member of the Literary Society for 1914-15, during which time she favored us with several charming piano selections. May's favorite recreation is skating, at which she proved one of the best among the fair sex.

\* \* \* \* \*

W. E. HARVEY. During two terms at school Harvey has shown his abilities in all gymnastics and the lighter sports. Although quite young he was by far the most skilful at hockey and baseball and also took an active interest in football. He proved a very efficient President of the Athletic Association during '14, and mainly through his instigation we established a skating rink at the school for the students. Walter has a lively humor and an ever ready wit, which have won him a host of friends.

SYLVAN HILLERUD. Sylvan with his classical education was the "walking dictionary" for the class. Every one looked to him for the explanation of any difficult problem which came before the students. Sylvan was an ardent worker for the Y.M.C.A., always having its interests at heart. During the football season he proved himself an enthusiast in that form of sport.

MISS J. ELVERUM. Jessie is one of the many who have benefitted greatly by the knowledge acquired at the C.S.A. Although of a reserved manner Jessie enjoyed our social entertainments to the same extent as others, but she derived her greatest pleasure from skating. At the rink she was one of the favorites amongst the Second Year

rink she was one of the favorites amongst the Second Year Students; and we hope by her influence that many others will take advantage of the scientific training in kitchen manoeuvers.

H. B. STEEN. Steen comes from Nanton, where he farmed extensively. Howard was an active member of the '14 Athletics Committee. He also proved himself to be a sprinter of some renown, by finishing first in the sensational 440 yds. dash at the annual field day. Steen was a supporter of all the social activities.



B. R. ARMOUR. "Dad," as his friends knew him best, was a Nanton boy. His good nature and willingness made him a general favorite among the boys and the girls. Armour was a member of the Literary Executive, which position he filled very efficiently. He could also be depended upon to "line her out" when playing base-ball.

BEATRICE PRICE. In the social circle Beatrice was an active member. Her cheerful disposition and winning ways won for her many friends. Besides this, Beatrice was of a studious turn of mind, and we hope that her time spent here will be to her advantage.

ERNEST MALCHOW. Ernest, the eldest of three brothers who have taken advantage of the course here, has proved himself to be one of our best students. Gaining a thorough practical education on their large wheat farm near Stavely, Ernest, by strenuous work and hard study, soon forged ahead in elementary science. He proved a very reliable and efficient Treasurer of the Literary during '15 and was also an active member of the Y.M.C.A.

H. G. MALCHOW. During idle moments Harry kept the class in a hilarious state by his inventive mind and humorous vocabulary. When at work, however, Harry "was" at work, and although younger than his brother Einest, he was close on his heels when examination time came. Although not a booster around the school, but a little bashful in company, Harry had quite a few friends and carries good wishes for the future from many.

OTTO MALCHOW. Although a little more "jolly" than his brothers, Otto showed his worth as a speaker, and was a close contestant for a place in the 1913-14 debating team. Like his brothers, he was a diligent student in all subjects; he was also one of the enthusiasts at baseball and took an active part at football.



R. J. OSTRUM. One of the most industrious and willing students, Dick was certainly the most efficient in mechanics and engineering, knowledge of which he had obtained previously on his home farm near Stavely. In athletics he also took an active part, and on the ice he should prove a very good goal-keeper with a little practice. Socially he was popular, being of a pleasing character and of a ready wit.

\* \* \* \*

WALTER STRANGWAY. Walter has been a live member. His work has been a credit both to himself and the school throughout the entire course. Walter's favorite study is mechanics in which line he is one of the foremost students. Being one of the prominent young men in the Claresholm district, we expect before many years have passed he will be one of the leading local agriculturists.

MISS AGNES FOSS. Agnes is one of our quiet and diligent students, and has become very proficient in many of the sub-divisions of the domestic science course. She also took an active interest in the social activities of the School. Her musical ability was often appreciated by the community, through her willingness to promote entertainment. She was of a likeable character and was respected by all.

DE VERE PETERSON. Hailing from the sunny south, the land of irrigation and alfalfa-growing, "Pete" has given us, of the dry land area, a little idea of the routine of farming in the Raymond district. He was a very lively and congenial companion, and when he goes back to his home he will earry with him the best wishes of the Sophomore Class. Since coming to school "Pete" has advanced considerably along all the lines of agriculture.

L. B. OLIVER. Louis entered into school rather by chance, coming to Claresholm with the intention of finishing his high school education, but finding that agriculture was more to his liking. No one in school regretted the change, Louis being a general favorite and greatly respected in the wrestling arena. He promises to have a successful career, and we hope Barons district will be benefitted by his influence.



HARRY TAITENGER. Although one of the youngest students in the class, Harry has shown his "imbred" education in such studies as practical agronomy. In this Harry shows himself "a chip of the old block," his father bring one of the most successful barley growers of the world. On the ice he took an active interest and promises to be one of the future hockey players.

D. F. SHEARER. Every one worth while has a hobby and Delmar's is photography. Through his efforts along this line many interesting school events have been preserved in picture form, which will refresh many students' memories in future years. A marked development in the Carmangay district is looked for when Delmar returns to his home town with his hard-earned scientific agricultural knowledge.

MRS. LODEMA SCAMEN (nee LODEMA PIERCE). Immediately after the Christmas holidays the Sophomore students were surprised to hear of the marriage of their schoolmate Lodema to Mr. Garnet Scamen, a popular young farmer of this district. While attending school she favored us with many select readings of an enjoyable character. We hope that the education obtained at the C.S.A. will be profitable to her in her matrimonial career, and we all wish joy and happiness.

WILFRED GIBBIE. During the school terms Gibbie has always shown the value of practical knowledge gained on his father's large farm, by supplying ideas during lectures. The main attraction for Wilfred in connection with the school was dancing, but we are sorry he was unable to finish the term.

JOHN HOOD. Jack came to us from Carmangay, where he had obtained a very practical education in agriculture. Live stock has proved to be his favorite study, in which line he has progressed considerably. Although an earnest student John believes in the old maxim, "All work and no play makes 'Jack' a dull boy."



E. MOSLEY. Those of us who enjoy vocal selections of a humorous nature appreciated Ernest's appearance at an entertainment. He was always at the command of the Social Committee, was an inventor of laughable sayings, and by his nature we may still believe in the old saying, "Music charms the savage breast!"

MARTIN LEE. Martin is one of our promising fanciers of live stock in this locality, his father being one of the standard live stock breeders of this district. Lee has realized the necessity of a careful education along the lines of agronomy and live stock to successfully carry out the work started by his father.

L. K. BARR. Being one of the fine-looking, square-shouldered young men attending the school, Lester has put in a successful term and is a promising student of agriculture. Owing to an attack of la grippe he was absent for some time, which handicapped him to some extent, but he came back to his usual form. Lester was Secretary-Treasurer of the Athletic Association for the year of 1914.

G. M. BUTLER. Like his brother, George attended the school very regularly and was only absent when sickness detained him. They have both voiced their intention of taking up the University course at Edmonton next year, where we hope they will succeed.

ASCEL J. A. BUTLER. Having a few miles to drive did not keep Butler from school even in the coldest days, which showed that Ascel realized the value of attending the regular lectures, from which no doubt he will derive great benefit in future.

W. SCHNELL. Schnell was the central figure in a shearing contest towards the close of the term. He showed the school spirit by taking the treatment good-naturedly, which seemed to form a strong link between him and the perpetrators of the plot. However, we must admit that Walter attended the school to gain an education which would be a benefit to him in the future.

A. J. MIDDLETON. Alex. hailed from the south, and was of such ever ready wit and humor that he was a general favorite in school. His inventiveness and musical accomplishments were appreciated by those who knew him, and we were all sorry to hear at Christmas that he had joined the colors. We all wish Alex. success in his new career, where we hope he will still carry the name of "Happy," by which he was known to all while at school.

WM. DROLLINGER. Few of the students have become more popular than Bill. He won the friendship of his fellow students by his very sociable and pleasing manner. Since this school opened Drollinger has been the most able speaker, and while in the debating teams of both '13-'14 and '14-'15 he always won the favor of the audience both at home and elsewhere. In social life Bill was always willing to help and was one of the enthusiasts of the school, and no doubt he will carry his influence with him through life.

FRANK BROWN, son of Richard Brown, a well-to-do farmer in the vicinity of Claresholm, attended the C.S.A. last year and part of this year, but owing to illness was compelled to abandon his studies for the remainder of the term. We regret that such was Frank's lot, as he was always a chivalrous and elever student, climbing close to the top of the list at examination time.

E. A. LANGE is a local man and has proved one of the foremost students of the '15 Class. One would readily understand by his reserved character that he was attending school for a scientific education.

Prof. Hoopper: "What would you do after adding H<sub>2</sub>S to the solution?

J.J.—(in a whisper): "Leave the room."

And W—— could not continue his experiment.

Subject for discussion in class room—"The making of a hot-bed."

Prof. Stephen—Where would you put the manure, Mr. L—

Mr. L—— (showing unusual brightness)—On the land.

And class (almost) agreed with him.



Students and Staff, Claresholm School of Agriculture

### THE A. S. A. MAGAZINE

# 1914-15 STUDENTS CLARESHOLM SCHOOL OF AGRICULTURE

#### SECOND YEAR GIRLS

M. Donnelly E. Strangways	E. Knight B. Price	M. Snyder L. Schoof
A. Foss	M. Amundsen	J. Elverum
M. Thompson	M. Averill G. Malchow	L. Scamen

#### SECOND YEAR MEN

0 111 0	T 337 ()	T 7 1 .	Mus her
C. W. Carney	J. Walker	<ul> <li>J. Johnston</li> </ul>	
J. Macdonald 🍃	W. Hempel	T. Hagerman	Beauties
ME. Malchow	H. Malchow	D. Shearer	myrae
M. C. Caspell	W. C. Strangwa	D. Shearer O. Malchow A. Lange	
A. M. Butler	M. L. Lee	A. Lange W. E. Harvey H. J. Hirsch	
II. B. Steen	B. R. Armour	W. E. Harvey	
R. J. Ostrum	E. Mosley	J. Hirsch	
M. Butler	H. McLean	8. Hillerud	
J. Hood	L. B. Oliver	W. Schnell	1
H. Taitenger	De Vere Peterson	n, R. G. McLean	Ne Lavel
H. Taitenger Charles L. Barr F. Brown	W. Drollinger	W. Gibbie	Me Lavel Blanester
F. Brown	A. J. Middleton	The state of the s	o allegon

#### FIRST YEAR GIRLS

M. Stranghan	M. Maxwell	E. Blackwood
C Malchow	M. Lepard	E. Lawrence
E Br <b>ar</b> en	H. Rogers	C. Walters
F. Morrison	— Jackson	J. Craig
R. Nichols	M. Soby	M. Barber
A Rrown	E. Wilhite	

#### FIRST YEAR MEN

G. Stranghan	H. Barclay	D. Hummon
L. B. Coombs	W. Neilson	C. H. Cyr
C. Davies	H, Hanson	G. Hilger
E. Buckingham	J. E. Straughan	H. T. Harris
F. Jackson	J. Morrison	W. Eddy
T. Long	E. Panger	E. Depoe
G. Bailey	R. Neilson	W. Rushfeldt
C. Tapp	G. Sangster	F. Harvey
W. Bussian	E. D. Cambell	M. Gordon
D. Maxwell	C. Sterne	H. Sterne
H. Dahlin	H. Benson	R. Meehan
C. Summers	H. Summers	O. Rushfeldt
S. Ellis	P. Williams	J. Jamieson

### CLARESHOLM S. A. HOCKEY TEAM



Reading from left to right:
Back row—R. Neilson, P. M. Abel, J. Straughan (Captain), D. Hummon.
Middle Row—C. Tapp (Sec.-Treas.), E. Buckingham (Vice-Pres.)
Front row—W. E. Harvey, H. Hanson and M. C. Caspell (Pres.)

### Appreciation of Our Staff

WE, the students of the Claresholm School of Agriculture, wish to express our gratitude towards the Faculty of the school. As the days passed and the school term drew to a close, we realized the value of the friendship between us. We recognize that after our departure we may never meet again, yet the happy and beneficial days spent at school will always be remembered.

This will be doubly ensured by the repetition of the following phrases commonly used by the respective members of the staff:

Prin. W. J. Stephen—Exactly; I sec!

Prof. P. M. Abel—That's the idea! Prof. J. C. Hooper - Never in this wide - wide—world—10 miles from Claresholm!

Prof. O. S. Longman — What's that?

Miss M. A. Hayward—Where are my first year girls?

Miss A. Frank—Don't make so much noise; you will disturb the other class.

Miss M. McIsaae—You see?

Although we may have caused them a little (?) annoyance occasionally we thank them for the consideration which we received at all times, and trust that future students will experience the same kindly treatment that we have received while benefitting by the course.

### Students' Y. M. C. Association

THE Claresholm branch of the Students' Y.M.C.A. was organized last spring and promises to be a prominent feature in the college curriculum, by the support given by the students.

The officers carrying on the work this year are: President, J. A. Macdonald; vice-president, J. A. Johnstone, and sec.-treas., C. W. Carney.

The work of the different branches is carried on by separate committees—each having a chairman, who is responsible for the work of his committee— and the executive, which is composed of the president, vice-president, sec.-treasurer and the chairmen of committees.

New officers will be elected before the close of the spring term, to carry on the work of the Association next year. Eighty per cent, of the students in the school this term are members, and many of them are doing active work. The general policy followed in the past is to unite the students with the Bible classes of the town churches. This has been found to be the best and most efficient method to get effective Bible study, more competent leaders being had in this way.

A class has also been formed to make a study of rural questions, which class meets Sunday afternoons. It is under the leadership of Mr. R. M. Abel, B. S. A., and promises to be very interesting and helpful in solving difficult problems which arise in home and country districts, both socially and morally. The "Text Book" used in this class is "Fiske's Challenge of the Country," which is universally

known. Besides this class the Religious Work Committee tries to arrange a weekly meeting after school hours, when the students are addressed by a pastor or other capable person. These have proved very profitable gatherings, and, in all likelihood, will be continued in future.

The membership in this college is free, and all students are welcome who are willing to support and co-operate with the Association. The expenses of the organization, such as for books, printing, etc., is defrayed by subscription, which work is in the hands of a financial committee.

It was hoped that this branch would be able to send a representative to the Summer Conference this year, but owing to the financial depression this may not be possible. The value of the conference lies in the insight which it gives into the doings of the Association in other colleges and is a source of inspiration for the work to be done in our own schools. The week spent there, in lectures, discussions, sports and with the comradeship of some of the brightest intellects and greatest leaders of the country, is elevating and inspiring.

It is hoped that some of the new officers, who will be responsible for the work of the Association during the coming term, will avail themselves of the opportunity offered by the Conference, and by the inspiration received, be able to make the Association a vital factor in the life of the college for years to come.

Mr. Macdonald, the President,

B



Z

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We have everything good to eat :: We have everything good to wear The great Wheat and Barley District of the West.

# Special Notice!

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CARL J. BRAREN

CLARESHOLM.

When answering advertisements kindly mention the A. S. A. Magazine

### Feelings of the Townspeople

The Relation Between the Townspeople and the School of Agriculture

N response to your request, I write **a** short article expressive of the feelings of our townspeople toward the School of Agriculture. I may say the duty assigned is a very agreeable one, and my only regret is, out of respect to the college, that the subject is not being handled by one who can do it better justice.

At the formal opening of the college in the fall of 1912 I remarked that the occasion would be an epoch in the history of our town, and such has been the case. We have noted with pleasure that our then unoccupied houses have become tenanted. our boarding-houses filled, our population decidedly increased by the residence here of the faculty, which is practically permanent. We have something decidedly interesting to show our visitors, and those from a distance attending college cannot but advertise our town and district by a simple reference to Claresholm on their return home.

As the college is only yet in its infancy the practical results are of course not yet defined, yet the difference between the second and first years is so marked that the outcome cannot but be satisfactory.

The college has, and always will have, the unqualified moral support of our town. To make other than a passing reference to the staff of the college is unnecessary. Its members are among our best and most popular residents, and I congratulate the pupils that they are so ably guided.

The social part of the college programme is not only very agreeable to us but has supplied a long-felt want. I hope the acquaintances the pupils have made among us have been as pleasant to them as they have been agreeable to us. When those of them from outside points return home and have occasion to speak of Claresholm, I liope it will not be by simply referring to a town where they received a certain branch of their education, but that it will be rather a personal reference to the friendships formed among those they met or associated with here, and should they again visit us we will be glad to see them.

N. Holmes.

### Students' Y.M.C. Association (Continued)

was able to represent this branch at the Western Students' Conference held at Lumsden Beach, Sask., last July, which proved a great success, and he will be greatly pleased to give details concerning his week spent there, to anyone desirous of attending Conference this year. His address is Strath Pine, DeWinton, Alberta.

### On Being Useful

Second year boys have a "spare period.'' They hang around the Domestic Science room door.

Miss A gives J. J a preserve jar to open.

J. J—— (struggling and twisting) —I can't.

Miss S--: Give it to me (opens it). J. J-goes away disgusted.

## ROYAL HOUSEHOLD

### CANADA'S BEST FLOUR

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Flour contains more nutriment at equal cost than any other article of Food. EAT MORE BREAD and reduce your cost of living without having to starve yourself.

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### LITERARY SOCIETY

THE Literary Society was fortunate in having two such capable men as Mr. C. Stearn and Mr. J. Walker at its head. J. Walker proved to be a capable successor to his predecessor, C. Stearn. Judging from the large audiences which have packed our assembly hall to its limit each Friday night, the Literary was highly appreciated by the townspeople as well as the students.

The seniors should leave school with a good store of debating arguments, as the subjects under discussion were many and varied, ranging from Consolidation of Rural Schools (under which the Debating team scored their first victory of the year), Votes for Women, Travel vs. Reading, Country Life vs. City Life, The Oriental Question, besides various The debutes created consiothers. derable interest and amusement. The instrumentals, vocal solos and readings given by those students and members of the staff who are fortunately gifted in these directions (not forgetting the many pleasant hours spent in dancing), will make the Literary Society live long in the memory of the students after they leave their Alma Mater.

The Debating team—composed of Messrs. Carney, McNally. Drollinger and Hempel—was successful in getting into the semi-finals of the Alberta High School Debating League. The team was considerably weakened by losing Mr. McNally, who finished his term at Olds. At short notice, H. Stearn did remarkably well in taking "our old friend Tom's" place in the debate against Lethbridge. The students

are unanimous in their opinion that the experience they have gained in the course of their literary work will be of immeasurable value to them in after life.

The course of lectures given by the Extension Department of the University of Alberta was highly appreciated by the students. The subjects were very topical and included: "The War Spirit in England," "The Balance of Power in Europe," "The German National Spirit," and an illustrated lecture: "Submarines and Aircraft in Warfare."

#### We Wish to Know-

Why Hempel went to Stavely. Was there no "Rye" in Claresholm?

Why Gibbie prefers dancing to exams.?

Why Hirseh gets so much local mail?

If Sangster got cold feet at Christmas?

If Caspell went to Cayley for a hair cut?

What attracts Armour in the back alley?

If C Sterne is a lady-killer?

Why Drollinger drove twenty miles?

If Miss Lepard studies character (male)?

Why H. Melean was so sorrowful Jan. 29?

If Carney feels the cold driving at midnight?

Why Macdonald never comes to school with the boys?

Who Hagerman took home Friday, 29th?

Why Walker aims to get a certain seat in the poultry class?

# Hardy Grimm Alfalfa Seed

Grown in Alberta and acclimated to conditions in this country, Grimm is the hardiest Alfalfa known. Practically no danger of winter killing if you use our Alberta Grown, Hardy, Acclimated Grimm Seed. Write for Booklet, Sample and Price.

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Round Oak Stoves
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Claresholm - Alta.

### BREAD MAKING.

By Flora Morrison

EVERY housekeeper's aim is to have good bread. To attain this end she must work under sanitary conditions and have a good equipment at her disposal. She must know the quality of the flour and the yeast she is to use: the flour must contain a certain amount of gluten and the yeast must contain sufficient living germs to ensure fermentation.

The miller, in preparing wheat for flour, removes the outer husk known as bran and the germ of the wheat. The germ contains a large amount of fat, and if this were not removed the flour would readily spoil. The bran is not used as it contains tough cellulose, though it has some mineral matter. A large amount of gluten is required because it imparts strength to the flour and gives the loaf its spongy volume.

Of the two kinds of yeast, the "commercial" is to be preferred to the "wild." The tiny cells which compose wild yeast, while floating through the air come into contact with many undesirable organisms. When these latter gain entrance to the batter and dough along with the yeast cells they cause souring. In the dry yeast the cells can be either dry or moist. The dry cells are in the dry yeast eakes, while the moist cells are contained in the moist yeast such as Fleischman's yeast cakes.

The yeast plant reproduces by the budding of the cells. The cells grow, and from the old cells new ones grow or bud out, thus making a large plant in a very short space of time. Yeast cells will not repro-

duce if kept either too warm or too eold. Extreme cold does not kill all the cells but it may rupture some Extreme heat causes all the cells to die. The cells grow very quickly if given warmth, food and moisture.

The following are the detailed directions for making bread:

1 dry yeast cake.

2 quarts liquid.

2 level tablespoons salt.

2 level tablespoons sugar.

2 level tablespoons lard.

Flour.

PREPARATION OF FERMENT—Put a pint of water at a temperature of about 90 deg. F. into a bowl, drop the dry yeast cake into it and soak for half an hour, then stir in enough flour to make a thin batter, add one tablespoon sugar, and heat with a Dover heater until well mixed and full of bubbles. Stand in a temperature of 70 deg. to 80 deg. F. until light, which will take from four to five hours.

PREPARATION OF SPONGE—When the ferment is ready, put the rest of the sugar, salt and lard into a kneading pan, bring the rest of the liquid to 90 deg. F. and add it to the ingredients in the pan. Add enough strong flour to make a batter that will beat without spattering; add the ferment and heat until it looks smooth and elastie. This will probably take 15 or 20 minutes. Cover elosely and keep at a temperature of 70 deg. F. until light and spongy. This will take from 9 to 10 hours.

PREPARATION OF DOUGH—When the sponge is ready, stir in strong flour until too stiff to work with a spoon, then cut the flour in to the dough with a knife until too stiff to cut in with a knife, then turn on the kneading board and knead lightly till the mass is elastic and velvety,

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# A. W. MacINTYRE NEWINGTON ONTARIO

Correspondence Solicited
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### INSECTICIDES

For potato beetle use Paris green, And for plant aphids, kerosene; For white grub give carbon bisulphide—

It will do good work if properly applied.

If chinch bugs chance to be your pest,

A chew of tobacco will do them best; If the grasshopper stops your binder, Run him through the sausage grinder,

Then, if you notice, I think he'll have died-

If he didn't, he'll commit suicide.

For weavil of the bean and pea I did not get a remedy,
But if you his body will bisect,
I think it will end that bean insect.
Perhaps a caterpillar you'll find in the sod—

Place him before a firing squad.

Moths and millers really do no harm, Excepting the ladies sometimes to alarm:

If he commits this criminal offence, Hang him on the nearest barb wire fence.

If a mosquito bothers you while you sleep,

Tie him to the stake in the compost heap.

If bothered by innocent flying ants, Button tight your shirt and pants, But do not wish those insects dead, Or you will wish that wish ne'er said,

Because by the time you get your neck and hair filled,

You'll think there's one insect that ean't be killed.

By H. G. M. (2nd year male student)

### Bread Making--Continued

the surface covered with a film of tiny bubbles, and when cut with a sharp knife shows the inside full of fine bubbles and free from lumps or unmixed portions. Grease the kneading pan, put in the dough and cover closely, and let raise from 2 to 3 hours at a temperature of 80 deg. F.

Divide into loaves and put in greased tims. Let the loaves raise, at a temperature of 70 to 80 deg., till they have doubled their volume.

Bake one hour in an oven about 350 deg. F. When the loaves are baked they should give a hollow sound when tapped on the bottom with the hand. They should be taken from the pans immediately and set in a cool place where the air can circulate around them. When cold put in a covered bread box or large earthen jars, to conserve their moisture.—Prize Essay Competition.

### Registered Seed

In recent correspondence with Mr. Blackwood, of De Winton, Alta., he informs us that he will have for sale this fall an abundance of registered Marquis wheat and brome grass. We advise those interested in promoting a system of registered seed growing to get in touch with Mr. Blackwood.

Mr. Blackwood's daughter is attending the school here, and is a special teacher of mathematics. She also acted as a very competent subceditor on the magazine staff, and was one of the few enthusiasts of the junior students of the college.

# Whether Selling or Buying

# MORE THAN USUAL

MORE in service when you ship your grain to the G. G. G. Co.

MORE in doilars for your grain because the G. G. G. Co. is In the field.

MORE for every dollar spent with the G. G. G. Co for supplies of all kinds.

MORE from your acres If you use G. G. G. Co.. seeds and G. G. G. Co. machinery.

In 1906 we started in a modest way to handle grain. We struggled on under difficulties and handicaps. Now we are the biggest grain handling concern in Canada. Having brought about an improvement in conditions surrounding the farmer's disposal of his grain, we undertook to help him also in regard to what he buys. We therefore have organized to handle direct from mannfacturer to farmer a wide range of commodities needed on every farm in Western Canada.

Write for our interesting booklet giving a history of the organization and development of this big Farmers' Company. It's free for the asking. Write also for our big 1915 Catalogue, in which we give description and prices of engines, plows, harrows, drills, cultivators, binders, mowers, rakes, wagons, buggies, wood saws, grinders, straw cutters, potato machinery, corn machinery, pumps, washing machines, scales, fanning mills and other lines of implements or machinery. Also coal, wire fencing, salt, flour, corrugated iron, sheet metal, lumber, builders' supplies, etc.

Note - Catalogue prices subject to increase depending on Tariff changes.

Have you seen our strong, small tractor, the GRAIN GROWERS' SPECIAL? Guaranteed to take the place of eight horses. Total weight, 6000 lbs. Price \$850. Or complete with 3-bottom 14-inch plow (price \$140) for \$975. (Subject to change according to new tariff.)

Save dollars by getting what you need direct from Factory to Farm. Not the lowest in price, but the best for the money.

### WRITE US FOR SEED GRAIN

WHETHER SELLING OR BUYING GET IN TOUCH WITH THE G. G. G. CO.

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Domestic Science Student's Graduation

### To Miss Donnelly

The following lines were written to mark the appreciation of Miss Mary Donnelly by her fellow students:

It's a long way to Michigan,
It's a long way to go;
It's a long way to Gaylor,
But you'll get there, we know.
We hope that yon'll be happy,
And have bushels of good luck,
When you settle down for ever
With your own Mr. Huck.

Now from College you are leaving, With your mind from study free; When you're married, Mary darling, Send some wedding-cake to me.

When your honeymoon is over,
And you're settled down for life,
In the ealm and quiet country,
Free from struggle and from strife;
When your long day's work is over,
And your mind from care is free,
Don't forget the class of '15
Of the Claresholm C. A. C.

### Wм. KNIGHT

### Building Contractor

First-class Work guaranteed.
All Repairing neatly done.

Prices reasonable.

Plans, Specifications and Estimates furnished on short notice.

Cement work a specialty.

Claresholm Phone Alberta

### DESIRABLE RANCH FOR SALE

14 to 20 miles from Medicine Hat.

Carries a superior class of Cattle and Horses -- Registered Herefords (some polled), Grade Polled Cattle, and Grade Clydesdale Horses.

Particulars:

ALEX. SHAW, LITTLE PLUME RANCH, WOOLCHESTER, ALTA.

Box 161, CLARESHOLM, ALTA. FIRST-CLASS REPAIRING.

### G. W. CLARK - Shoemaker

Wishes to thank all his customers for their patronage during the past season 1550 copies of this issue of The "A. S. A." Magazine are being read in farm homes throughout Alberta.

# College Days

- THESE ARE HAPPY DAYS, which mark epochs in the lives of the young people.
- ¶ Surely such happy days are worth a picture.
- WE ARE EXPERTS in lighting and posing, and our equipment is complete.
- THE BEST PORTRAIT YOU HAVE EVER HAD.

### The Claresholm Art Studio

I. L. EDLUND - Proprietor

### FRESHIES' INITIATION

THE citizens of Claresholm witnessed a scene of true college life when the freshmen underwent a course of initiation at the hands of the seniors.

Great excitement prevailed. The second-year students managed to get on the good side of the stuff and classes were excused at 2:45 p.m.

Steathily and without noise they erept into the dairy room where they held a consultation in whispers. Groups of four were formed with leaders who had been present at the meeting of the perpetrators a week previous, and one of each group was handed a number of three foot lengths of quarter-inch rope. Every one was excited. Schnell almost jumped through the cement eciling because he could not find enough rope, while Hirsch endeavored to keep silence.

After what seemed hours of waiting, the bell rang and the groups lined up in the stock-judging room, to await the arrival of the first freshman with his drawing board. hen, the first arrival, was an easy victim, as were a few more, for they were so taken by surprise. We scon had a pile of prisoners tied hand and foot. Johnston and McLean patrolled the first floor and at a given signal the door of room four was locked, leaving a few in the room. About the same time the door of room seven was also locked and guarded till time for the exodus of class B.

All went well till the door of room seven was opened and C. Sterne, who managed to reach the first landing, encountered McLean.

A tussle ensued and a window pane was damaged (unfortunately). After a short scramble the freshmen were subdued and making their hands and feet secure we carried members of class B down to sawdust, where we piled them up. When a few had become 'heated' we lined them up and tied them together by the right foot. The next performance was the dressing of a few of the outlaws and "bullies" with quaint old elothes of various hues. The outstanding distinction conferred was the painting by H. McLean, of the letter "F," with bright green paint, on each cheek and forehead.

When they had all received their brand the music of the tin can filled the air and they marched out into the open—with difficulty at first, but eventually keeping good step to the music. They were led very efficiently by H. Sterne, who seemed to be an expert at this work, assisted by his brother Ceeil.

It was an interesting spectacle and the people of the town thronged the streets, being called forth by the peal of the fire bell. After marching through main street they were dismissed with the usual military command, which was executed admirably, under the circumstances. They then sought shelter with all possible haste, while the second-year men went home to gloat over the success of their enterprise.

The pleasure of the afternoon was somewhat marred by an aecident which befel E. Buckingham, who sustained a broken collar bone in his attempt to break the ranks.

The function will long be remembered, both by those partaking and those officiating, as well as by the citizens.

# → J. Wm. HALLETT → COAL MERCHANT

IN

Galt Domestic Coal—Greatest Heat and Longest Service.

Alberta's Best Steam Coals. Smith Coal.

Supply always on hand. CLARESHOLM, ALTA.

### JAMES CLARK CO.

**HIGH-CLASS** 

Dry Goods, Grocery, and Furnishing Departments

::

CLARESHOLM

**ALBERTA** 

- THE-

# Claresholm Pharmacy

Is the Place to Buy Your

NOTE BOOKS, SCRIBBLERS, PENCILS, Etc.

A full line of STATIONERY, POST CARDS, KODAKS and SUPPLIES

DRUGS, CHOCOLATES and CANDIES
always on hand

## O. L. REINECKE, Proprietor

When answering advertisements kindly mention the A. S. A. Magazine

### ATHLETICS-THE FIELD DAY

OUR First Annual Field Day was held on Nov. 27th, 1914. Althongh posted for some ten days earlier it had to be postponed till the weather permitted.

The sports, which were open to the students of the High and Agrieultural Schools, were held on the town campus—an ideal spot under tavorable conditions, but owing to the previous bad weather the ground was soft and no records were made.

The entries were very numerous and the competition keen.

Prizes were awarded upon a scale of points. The ladies' race was of special attraction, because of the tie which had to be run off several times, Miss Knight and Miss Snyder competing for first place.

The champion athlete of the day being M. C. Caspell, with P. Williams a close second. W. Hillerud of the High School made a record, throwing the baseball 102 yards.

The following is the list of events for the day, with the respective winners in order of merit.

100 Yards Dash. — 1, Caspell; 2, Williams.

220 Yards Dash — 1, Caspell; 2, Williams.

440 Yards Dash — 1, Steen, 2, H. McLean.

Ladies' Race.—1, Miss Knight; 2, Miss Snyder; 3, Miss Coverdale. Standing Broad Jump--1, Coombs;

2, J. Straughn.
Running High Jump. — 1, J. Straughn; 2, Caspell.

Running Broad Jump—1, Caspell; 2, Williams.

Three-Legged Race. — Draw, O. and E. Malchow; Shearer and Straughn.

Relay Race.—2nd Year Team—H. McLean, Hempel, Hagerman, Caspell.

Putting Shot (16lbs.)—1, Caspell; 2, Walker.

Throwing Baseball.—1, W. Hillerud (High School Student); 2, P. M. Abel.

H. Sterne, who acted as Official Starter, wielded the 'Colt' to advantage.

The success and good entertainment of the afternoon was due to the efficient arrangements of the special committee: Messrs. Abel, Johnston, and Hagerman, and the general co-operation of the staff and students.

All competitors were well pleased with the results, even though some were defeated, and the field was vacated only when darkness prevailed, football being indulged in after the other events.

Scene-Auditorium. (Judging Oats in head).

Principal.—'' Boys, C—— has a nice head. Er—. Pardon me, I meant the head of oats.''

Prof. Abel: "What is your opinion of helping a community socially?

H—(gruffly): A dance once a week and a revival or so thrown in will suit me. "

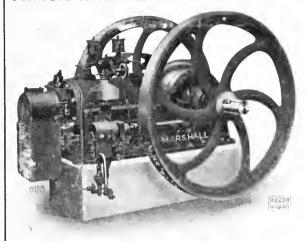
Claresholm girls are the back in Alberta. -O.S.A. Hockey Team.

# "Marshall Oil Engines"

SEMI-DIESEL TWO-CYCLE TYPE

FOR FUEL OR REFINED OILS

FIXED AND PORTABLE



Latest Design Most Economical Silent, Smooth Running

Simple and Durable Easy and Quick Starting

For Electric Lighting, Pumping, Sawing, Contractors' or Farmers' Use

Best Materials and Workmanship

Requires little attention

Automatic Ignition
Send for Catalogue

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"THE DREADNOUGHT OF THE PRAIRIES"

For Plowing, Threshing, Hauling, etc. "Built like a Battleship Runs like a Watch"

British Manufacture

A Proved Success

Best Materials and Workmanship

The Engine that will Stand up to Hard Wear

Built for long Service

Send for Catalogue and full particulars



MARSHALL, SONS & CO. (Canada) LTD.

SASKATOON, SASK.

BOX 1564

### Girls' Cross-Country Run

AT the beginning of the term great interest was shown in the cross-country runs by the "Physical Culture Girls." Owing to the weather the girls were forced to discontinue them, but the first one will long be remembered by both Juniors and Seniors.

On account of a re-arrangement of the time-table the seniors missed a 'most interesting lecture on Foods.'' 'Miss Hayward's girls' were notified of the change. After the foods period was over we got our lecture—but not on foods! Consequently the Junior Girls obtained a quarter-mile start. Altho' the Seniors had had a forced run, the fatigue was felt equally by the Juniors, who pursued a more leisurely page.

After eantering in a friendly way for a short distance, a race - Seniors against Juniors—was proposed by the instructress, the goal being a fence about half a mile away. Altho' it seemed a long distance for a race, the only dissenting voices came from the juniors. The girls went off with a shout and the race was easily won by a senior.

After a short rest we started for the college. The girls made a wild rush for the college steps. The first three arrivals proved to be seniors, again proving our championship, and as time has shown, we have remained so for the entire term.

"Senior."

Siss, boom, canabau, Siss, boom, baw; Claresholm agriculture, Rah! Rah! Rah!

### HOCKEY

The boys have been represented by a fine hockey team, which suffered only two defeats in the whole season.

On sunny afternoons the ladies enjoyed a few hockey practices, which were much enjoyed by the spectators, who were "busy" in the chemical laboratory testing for albumen.

### BASKET BALL

Did anyone say basket ball? Oh yes; the boys made the hoops and the girls waited patiently for the ball to arrive. They're waiting yet, but the delay is probably due to the war.

### SOPHOMORE YELLS

Hurrah for the harrow, Hurrah for the plow, Hurrah for the cabbage, Hurrah for the cow; Hurrah for the turnip, Hurrah for the pea, Hurrah for the roller From C. A. C.

Boom! chicka, ricka, chicka,
Boom! chicka ree,
Claresholm Agriculture,
Zip, zap, zee.
Hear 'em, cheer 'em, purple and
white,
Sic 'cm, lick 'em, skin 'em, right;
Whoopee! Ha! Ha!

# "A Business Established upon a Cash Basis has a Foundation Solid as the Bed Rock."

#### THE

# Calgary Central Creamery

is proud of the fact that it was the first creamery in the Dominion of Canada to buy cream according to grade, and pay cash every day for same. A glance at the following figures will show how successful that system has been.

YEAR Ending April 30th	POUNDS BUTTER MADE	CASH PAID FOR CREAM	Cash Paid For Milk	No. of Men Employed	Average Monthly Wage
1911	46,222	\$ 10,278.47		4	\$ 286.50
1912	233,286	53,577.83	<b>\$11,255.04</b>	11	702.50
. 1913	300,121	82,784.17	51,906.93	25	1996,50
1914	570,650	139,279.63	59,518.78	41	3000,00
May 1st to Oct 31st, 1914	(901,701	129,177.90	, 25,513,36	49	3900,00

Total Butter made from May 1st, 1910, to October 31st, 1914, 1,751,980 lbs.

Direct Cash paid to Farmers during same period for Milk and Cream, \$563,234.11

# Ship Your Milk, Cream and Eggs

# Calgary Central Creamery

[P. PALLESEN, Proprietor]

Box 2074

Sec. 35.

**CALGARY** 

### WEDDING BELLS

THE young ladies of the Agricultural College, Claresholm, entertained, on Saturday evening, January 30th, for one of their fellow students, Miss Mary Donnelly, of Finelly, Dungannon, Co. Tyrone, Ireland, who is shortly to be married to Rev. Win. Huck, of Gaylor, Michigan, U.S.A.

Miss Hayward and Miss Frank, members of the faculty, who received for the young ladies, looked extremely smart. Miss Hayward wore blue charmouse and Miss Frank a gown of maize-colored meteor.

Miss Donnelly looked charming in night blue silk crepe.

Among the guests were Mrs. Stephens, wife of Prof. Stephens, and Miss MacIsaac, of Edmonton.

The rooms were prettily decorated with ferns and daffodile, the effect being altogether charming in the candle light.

It was a great surprise to Miss Donnelly when, towards the end of the evening, she was showered with numbers of pretty things from the girls.

During her short sojourn in Claresholm Miss Donnelly has become very popular, and will be greatly missed by 1 oth students and teachers.

#### Absent Minded

(1st yr. Domestic Science students)
Mr. Foley—What are the different varieties of Plymouth Rock?

1st Student—Barred Rock. 2nd ...—White Rock.

3rd ,, —Buff Rock.

4th ,, —Rhode Island Red. And Mr. Foley was almost asphyxiated.

### TIT - BITS

Was it Miss B—-r we heard asking how many eggs an average hen should lay a day?

Under a spreading chestnut tree. The village "Smith-y" stands.
So does "Beatrice."

Why does Mr. L.'s hair look as if it had been shaved? Because he visits the "Barbers" so frequently.

For the latest improved method for killing potato bugs—ask Ethelyn.

Mosley is not an Italian but he is our Caruso just the same.

Why does Mr. H. go to the movies? Because he has the "Price."

A Sterne chase is a hard chase, but you may get him yet, Clara.

Donnelly! Doodles! Where have you gone?

You've left our school, worse luck,

And away in Gaylor, Michigan, You're making life happy for Huck.

The boys, under the direction of Principal Ford, of the High School, commenced military drill, but, owing to the eall for trained men, they decided unanimously that military drill was not so very important at present.

Miss Frank has done great work in drilling the girls. The feats they have performed must have been painful, according to the reports of those students taking lectures in the rooms below. Did any one ever ask for less noise?

Feb. 16—"Why are the girls so gloomy and down-hearted to-day?" "Don't you know that Miss Hayward is away and won't be back for nearly a week?"

### PURE-BRED BERKSHIRE SWINE

.. FROM THE CELEBRATED STRAIN OF .. F. A. COX'S PRIZE WINNERS

Pure-Bred Barred Plymouth Rock Chickens Bronze Turkeys and Indian Runner Ducks Eggs for Sale in Season

GRADE CLYDESDALE HORSES, HUNTERS, ... JUMPERS AND SADDLE HORSES ...

STOCK FOR SALE AT ALL TIMES, IN LARGE OR SMALL LOTS PEDIGREES FURNISHED .: SATISFACTION GUARANTEED

# J. A. JOHNSTON & SON

**BURNSIDE STOCK FARM** 

WOOLCHESTER

ALBERTA

### HOUSE FURNISHINGS

I have the BEST SELECTED STOCK of HOUSE FURNISHINGS South of Calgary, and invite you to look it over before going elsewhere.

I have the Exclusive Agency for the famous VICTOR VICTROLA, RECORDS and SUPPLIES.

Also the O-CEDAR POLISH MOPS, the best labor-saving device ever invented.

PICTURE FRAMING, WALL PAPER, CARPETS, &c.

Nothing too Small Nothing too Large

Bring in your Repairing and Re-finishing

Phone R. S. BRERETON P.O. Box 110 CLARESHOLM ALBERTA

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# Permilion Section

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A.S.A. MAGAZINE



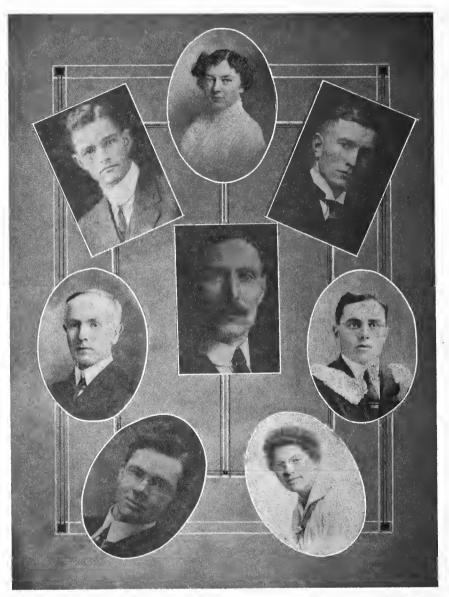
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BUSINESS MANAGERT. H. TAYLOR, '15.
CIRCULATION MANAGERL. D. FIFE, '16.
STAFF REPRESENTATIVEG. L. SHANKS, B.S.A

### CONTRIBUTORS:

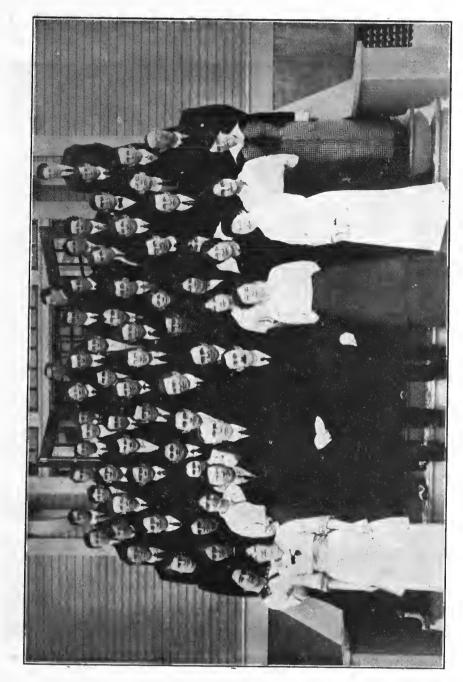
E. A. HOWES, B. S.A.	HERBERT SPENCER, '16.
ATHLETICS	.J. G. TAGGART, B.S.A.
	AROL FAULKNER, '16.
LITERARY	.N. F. BELL, '15.
(SOPHOMORE BIOGRAPHY	.MISS ADA RAWLE, '15.
AND PHOTOS)	GORDON FLETCHER, '15
BUOTOCDADHED	C W SCOTT

#### FACULTY—VERMILION AGRICULTURAL SCHOOL.



J. G. TAGGART, B.S.A. MISS CARLYLE. E. A. HOWES, B.S.A. (Principal). G. W. SCOTT. H. W. SCOTT.

E. S. HOPKINS, B.S.A. L. SHANKS, B.S.A. MISS HOTTON,



Students and Staff at the Vermilion School of Agriculture.

#### SOPHOMORE CLASS '15, VERMILION S. A. -



HAROLD W. J. LOBB. "Shorty" has made quite a name for himself in his brief but strenuous career. Born on a Niagara fruit farm, he has labored on both the Vermilion and Lacombe Experimental Farms, and taken one year at the O.A.C. as well as two years at the V.S.A. President of the Athletic Association, Captain of the Hockey team and a member of the Students' Council, he has been actively associated with the official life of the school.

MISS ADA A. RAWLE first opened her laughing brown eyes in the noted town of Tiverton, England, made famous by the school of Peter Blundell, at which school John Ridd received his education, and which school Miss Rawle's mother also attended. Her early childhood days were spent in Burnley (Lancashire), before coming to Lloydminster, eight years ago.

A. G. MOORE. The only boy to represent the "Starry Republic," honors Kansas as his birthplace. Receiving his education in Wetaskiwin and Edmonton, he wielded the birch for two terms in a country school-house before homesteading at Jarrow. He is one of the most earnest supporters of the Y.M.C.A.

FRED BELL, of the firm of J. J. Bell & Sons advertising on another page, was born on a stock farm in Simcoe, Ont. He was the first student to register at the V.S.A., and will return to the work of pure bred stock raising. Always prominent in student activities, being a member of the debating team in 1914, he has proved himself very efficient as President of the Literary Society.

A. P. GOOD. You can't keep a good man down and Archie is no exception to the rule. Born in Cork Co., Ireland, he emigrated with his parents in 1904, settling near Vermilion, and at present is supplementing his practical knowledge gained on the farm by a two years' course in the V.S.A.

#### JOIN THE U.F.A.

#### (Apply to your nearest local)

TURKEY HILL LOCAL, No. 561
Gilbert Shane, President
Cecil King, Secretary, Vermilion

CLAYSMORE LOCAL, No. 660

Wm. Steele, President
Gordon Dunsmore, Secretary, Vermilion

CAMPBELL LAKE LOCAL
S. Mead, President
David McPhee, Secretary, Vermillion

#### TO THE

#### Farmers of the Vermilion District

We are the representatives of some of the largest Specialty Manufacturers in Canada and the United States.

Below are a few of the lines we handle

#### THE PIANO MANDALETTE

an Instrument that can be played by a child of six or a person of sixty. Costs less than \$20.00

The GRAB FOOT SCRAPER The BLUE BIRD CLOTHES REEL QUEEN QUALITY ALUMINUM WARE

THE HANDY KITCHEN SET IN FACT EVERYTHING YOU NEED in the HOUSE AND KITCHEN

Call and see samples of any of the above at

WEST BROTHERS, Vermilion

#### SOPHOMORE CLASS, VERMILION S. A.



FRANK BIRD, a native of Cheshire County, England, came to Vermilion eight years ago. Frank and his brothers are now raising grade Clydesdales and purebred Shorthorns, Shropshires, Berkshires and Barred Rocks, and their ambition is to raise the very best individuals of these breeds.

MISS E. F. MAGGS. By her sweet and gracious manner, Miss Ellen Maggs has won for herself many warm friends in the V.S.A. She was born at Bristol, England, but came with her parents to Alberta, where they settled on a homestead in the fertile Vermilion valley, about eight years ago.

G. B. HAWLEY came to us from a farm near Clarenceville, Quebec. After graduating from the Model School there, he farmed two years near Brandon and then homesteaded at Vermilion in 1910. He is an active worker in the Literary Society, being on the Executive and the debating team last year, and chairman of "B" division this year. He is also the capable secretary of the Athletic Committee.

MISS HAZEL HENTON. Among the students of the Vermilion Agricultural School none is held in higher esteem than our friend Hazel V. Henton. Born in York, Nebraska, she moved to Paradise Valley, near Lloydminster, in 1907. Her high school education was received in Lloydminster. She has been an earnest worker on the Executive of the Literary Society.

T. H. TAYLOR, our business manager of the A.S.A. Magazine, an old-timer in the Vermilion district, homesteaded one year before the coming of the railway. Born in York County, Ont., he received his education at Toronto Junetion Collegiate, Weston High School and the Central Business College. Recognizing his ability the Alberta Government employed him as weed inspector in 1914 and he filled this position in a very exemplary manner.

#### EVERYTHING FOR THE FARM

#### E. F. HADLEY

VERMILION, ALTA.

FARM MACHINERY

PIANO AND ORGANS

#### Ed. J. Kibblewhite

Chemist & Optician

Vermilion :: Alberta

EYES SCIENTIFICALLY TESTED

Frames and Lenses Fitted for Comfort

#### Geo. St. Matthews

BARRISTER : SOLICITOR NOTARY

Office: Old Bowtell Block First Street South

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VERMILION : ALBERTA

# Choice Ayrshire Breeding Stock

FOR SALE at all times

Young Bull Ready for Service

HERD HEADED BY HOBLAND CHARM

J. E. CURRY :: VERMILION

#### THE BOSTON CLOTHING STORE

O. S. A.

- BOYS -

ALL BUY AT THIS STORE THEY ARE SATISFIED 100

Before Buying or Selecting your

#### SEED POTATOES

this spring, write to
M. J. Howes & Sons,
Box 14, MILLETT, ALTA.
Quality of Seed guaranteed. Could not
fill all orders last year
POTATOES - PRICES REASONABLE

T. P. SHAE

Chop, Mill & Feed Store Vermilion, Alta.

#### SOPHOMORE CLASS '15, VERMILION S. A.



CLARENCE BARR, one of our younger members, was born on a farm near Vanleek Hill, Ont., in 1898. Here he received a public and high school education and learned to play hockey. He came to reside in Vermilion Nov. 1913, just in time to enter the first class in the V.S.A. and to make a name for himself on the college hockey team.

MISS VIOLA ARMSTRONG was born in Sault St. Maric, Mich. In 1907 her parents were caught up by the current of western pioneers, which landed them on the shores of that beauty spot known as Pelican Lake, where she now resides. Her modest, unassuming manner has won the respect of her schoolmates in her brief sojourn amongst them.

J. S. ARTHUR. Born in Sheet Harbor, Nova Scotia, near the restless ocean, the subject of this sketch has elaimed as his dwelling place Nova Scotia, Saskatchewan, Manitoba, and Vegreville, Alberta. "We rise on stepping stones of our dead selves to higher things" is his motto, for he intends to take his B.S.A. degree, and we hope he rises to the topmost rung on the ladder of fame.

J. D. McPHERSON is one of those about whom the little we know arouses a desire to know more. Born on a farm at Spruce Grove, Alta., in 1897 and receiving his early education at that place, he moved to Red Deer with his parents in June, 1914. Although his past has been uneventful we predict a very promising future, if the standard of his work here may be taken as a criterion.

BERT WIIITBREAD, the present secretary of the Students' Council and secretary of the Athletic Association in 1914, came from Surrey, England, to Lloydminster with his parents in 1905. Practical experience in his father's blacksmith shop and also in carpenter work, in addition to threshing and ordinary farming, makes him at home in any line of farm work.

#### SOPHOMORE CLASS '15, VERMILION S. A.



J. A. SPARROW, a native of Calgary but spending most of his early life on a ranch near Medicine Hat, moved with his parents to Sedgewick in 1907. His public school education was gleaned at Gleichen, Sedgewick and Daysland. An enthusiastic wrestler, he is ready to meet at any time knights of the mat.

MISS ISABEL MORRISON, one of our few Western girls, was born near Brandon, Man., but moved at a very early age to Stratheona and again to Mannville. She received her education at Mannville and Grandon St. Collegiate, Edmonton. While attending there she was chosen to recite before Earl and Lady Grey.

G. W. FLETCHER hails from Present Co., Ont. After completing a course in Business College at Ottawa, he spent four years in the lumber woods. Experience gained there in handling men has served him well in the position of president of the Students' Council, which office he has filled most capably since its inception. He is also an expert judge of seed grain and dairy cattle.

PHILIP S. URE was born in Leytonstone, Essex, England, where he passed the Oxford Junior exam. in 1910 and the Civil Service in 1912. Emigrating, to Lloydminster, Sask., and then farming near Pineher Creek, Alberta, he came to the V.S.A. to learn the theoretical science of agriculture. He intends to return to England to enlist at the close of this term.

E. C. SPARROW also was born in Calgary, while it was a mere village. In his spare time he is proving up a homestead and pre-emption near Czar. Champion of the field day sports and a prominent sprinter and jumper in his own neighborhood, he is a pleasing type of what Alberta ean produce in the way of strong and virile manhood.



#### SOPHOMORE CLASS'15, VERMILION S.A.

WM. E. SHEPPARD, son of Alderman Rice Sheppard, of Edmonton, was born in London, England, but came to Alberta when one year old. He attended the V.S.A. in 1913-14 and worked on the Vermilion Demonstration Farm during the following summer. Registering for the fall term he was chosen as a member of the Students' Council, but enlisted for service in the second contingent and left early in November for the front.

THOS. L. BROWN began his career on a farm in Waterloo County, Ont., but in 1907 came to Vermilion, where he has become a successful dairyman. Taking his first year work at the O.A.C. in 1911-12, he has only been with us one year. As president of the Y.M.C.A. he has assisted largely in placing that organization on a firm basis.

#### STUDENTS' COUNCIL, VERMILION S. A.



Names, left to right: Back row—J. Lawson, Sec. lst year; Harold Lobb; Bert Whitbread, Sec. 2nd year; Arol Faulkner.
Front row—T. H. Taylor; G. W. Fletcher, Pres. 2nd yr.; W. M. Fleming, Pres. lst yr.

#### Gentlemen let us YOUR TAILOR We try to please

CLEANING AND PRESSING A SPECIALTY

Agent for "HOUSE OF HOBBERLIN," Best on the Market

WM. BEAL: VERMILION: TAILOR

Agent: SINGER SEWING MACHINES

#### THE VERMILION CREAMERY

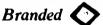
NOW OPEN FOR BUSINESS

WE RESPECTFULLY SOLICIT YOUR PATRONAGE
WE GUARANTEE YOUR INTERESTS
: OUR BEST ATTENTION : :

MOSES & ROSEBOROUGH

#### WHEN YOU SEE

Any article in a Hardware Store



A

#### **BUY IT**

Ashdowns guarantee it to be as good as money can buy

Your dealer will refund the purchase price if the article is not strictly first-class

#### BACK TO THE LAND. OR ON FOR THE B. S. A.

By Herbert Spencer

TWO years' course in the School of Agriculture reveals to the mind of the student the advantages of an agricultural education and eauses an uncertainty whether it is better to go back to the farm or on for his degree. As one who is returning to the land, I would like to present one phase of this question, that will show those boys who may return to the farm that they have a real responsibility and an important work to do. It would obviously be a mistake for all the students to go on for their degree, because: (1) large as the field for agricultural instructors is, it would be glutted and many would find themselves in the position of "Othello," with their occupation gone. (2) The average man on the farm is running his business with such a limited capital that five years taken out for study, with the intention of then returning to his farm, would not pay interest on outlay. have a very pressing need for the travelling instructor, but he, to make the most of his abilities, figunatively speaking, needs a better seed bed in which to work. This is where, I think, the two year course student can be of so much value by going back to the farm.

The rural mind, speaking generally, is not open to conviction, or very susceptible to impressions, but, on the contrary, is of a suspicious turn and not very desirous of information. If any one doubts this, let him attempt to launch something for the general good of his community and note the support it will give him. As regards the lack of any

desire for information, I know of an instance where 102 government pamphlets were taken to a farmers' meeting and the fact made public; after the inceting the pamphlets were counted and numbered exactly 102. Anyone conversant with conditions in the country knows that there are many, too many, districts where the rural life needs lifting several grades, intellectually as well as along the lines of actual farming. Our brief eollege life gives us an insight into many things besides just teaching technicalities; it is a general shake up, where all find their proper level. Some of us learn, in a way we never have before, how ignorant we really are, which, if taken rightly, is quite an asset in itself; others find they are better off than they thought they were. It teaches us to like books and to develop a taste for good literature, which is half life itself. In order to explain the last sentiment let me use the novel "Lorna Doone" as an illustration. Some probably think it merely an exaggerated yarn with a whole lot of stuff in it about birds, animals, trees and brooks that might much better have been left out. Another will appreciate it as a poet's dream from end to end, and find John Ridd's soliloquies and philosophies a never-failing source of interest. A man might even farm better in this 20th century for having talked with John Ridd of the 17th. In brief, the college instils into us a desire to do better and to think better, backing up its teaching with facts, proving what advanced methods have done, compelling us to be open to conviction and shaping

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#### LITERARY SOCIETY

VALUABLE and varied as is the prescribed course of training in the Agricultural Schools, it would be quite incomplete, if not supplemented by that voluntarily undertaken by the students in the Literary Society. The instruction we receive from the staff fits us to go out and grapple with the actual problems of the farm, while the training gained through the medium of the Literary Society qualifies us to take our proper position in the social life of our respective communities.

The students of the V.S.A. lost no time in ealling into being this important institution. The end of the fiirst week saw the society organized and the work begun. The following officers were elected: President, N. F. Bell; Vice-President, G. E. Hawley; Secretary, A. Faulkner; Executive Committee: L. D. Fife, Misses H. Henton and G. Hall.

The incetings of the Society held every Tuesday afternoon have been the source of much pleasure and profit to every member in attendance.

Special cmphasis was laid on public speaking and debating, almost every student showing improvement in this respect.

In addition to the regular weekly meeting of the Society, a series of monthly debates were held, to which the general public were invited and attended in large numbers.

A choral society is to be organized to meet the need of developing the musical abilities of our members and bids fair to prosper from its inception. Much of the credit for the success of the Literary Society is due to the untiring zeal with which the members of the Committee have labored to provide interesting programs, hased on definite ideals of development.

#### BACK TO THE LAND, OR ON FOR THE B.S.A.

#### (Continued)

our minds ready to receive impressions. Every student who goes back to his community from such an institution is a live germ, a disciple of Progress. He will convey that spirit to his neighbors, then, when the lecturer comes, in place of having to speak to a heavy and somewhat sceptical audience, whose first question, when he has finished, is generally, "I wonder how much that fellow gets for doing this?" he has the pleasure of speaking to people who are thirsting for information (in fact, a good "seed-bed"), people who look upon him as a friend who has had greater advantages than they, but who wishes to help them all he can. We want a people on the land who can appreciate the beauties of nature, who can see "Sermons in stones, books in the running brook, and good in everything." The "back to the farm" boy ean bring this change about. He and the B.S.A. man may be likcned to the farmer and soldier of today; the latter has a more glorified career but the former a very necessary and useful one.

A recipe for hoarseness after a hockey game:—3 ozs. Domestic Science Candy; to take away the taste of the candy, 3 lbs. onions.

W

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#### STUDENTS' Y.M.C.A.

A branch of the Y.M.C.A. was organized at Vermilion, in January, 1914, and a number of successful public meetings held. When college reopened for the fall term, the New Student Committee was active in helping the new students to locate satisfactory boarding houses. in the term Mr. Clark, travelling representative of the Y.M.C.A., visited the school and an election of officers was held, resulting as follows: Hon. President, Principal Howes; President, T. L. Brown; Vice-President, H. Spencer; Secretary, W. Eyre; Chairman of Bible Study Committee, N. F. Bell; Chairman of Meetings Committee. A. G. Moore; Chairman of New Students' Committee, B. Anderson.

The efforts of the executive have resulted in a series of regular meetings leing held to study the problems of tural communities as outlined in the "Challenge of the Country." Mr. Howes took charge of these meetings and some very interesting and helpful discussions took place.

A church parade was arranged for Feb. 28th, to the Methodist Church.

#### First Year Yell-

Sheep ticks
Quarter cracks
Smoke and gasoline
Vermilion Agricultural School
Sweet sixteen

#### Sophomore Yell-

One a zippa Two a zippa 1915 Rah rah rah Rah rah ree 1915, Yes, Siree.

#### The College Cowpuncher

It was a winter's evening
And Stewart's work was done,
So he, before the night grew cold,
Was looking for some fun.
He wandered down through Pilkieville,
And there labeled a con-

And there beheld a cow, The manner of his meeting her, We're going to tell you now.

He saw three girls and one small looy

This cow attempt to lead,
She broke away and ran so fast,
They could not stay her speed.
Although she travelled very fast
Stewart, he ran faster still,
He caught the rope, the cow gave in,
Though sore against her will.

And when he bravely led her back, O'erjoyed were they at her return, Alas! their joy soon turned to grief, For why? She had a broken horn! Although this filled them all with woe.

Because she was the family pet, With grateful hearts they told their thanks,

Because she might be going yet!

A young student recently applied to the manager of the V.S.A. hockey team for a position on the team. As he was heavy and well built the manager gave him an application blank to fill out. By the way," asked the manager, "can you skate?" "No," replied the student, "but I can slide like blazes."

The Million Dollar Mystery: "What became of the biscuits and the jar of jelly that disappeared from the Domestic Science room?"

----

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#### Wise and Otherwise

A certain well-known sophomore does not appear to make so many evening visits down town as he did last winter. Perhaps the girl who told him he was the "light of her life" has turned him down, or maybe, her father has put him out, or perhaps his rival has trimmed him. However, he does not seem to be studying quite so closely Boyle's Law, the substance of which is, that when you turn down the gas you can increase the pressure.

Freshmen are requested not to lift more than three legs of a horse at once when examining his feet for bog spavins.

Prof. S.: "At what temperature should milk be separated?

B.: "As near as possible to the temperature of the cow."

Prof. S.: "What temperature is that?"

B.: "160 deg. Fahr. Sir."

A complication of strangles is inflamation of the broncho.

To catch a thrush sprinkle calomel on its tail.

Prof. T.: "What are the symptoms of a splint?"

B.: "The horse walks with a hop, skip and jump movement." ----

Reliable witnesses report that static electricity developed to the degree of sparking in the practice dances some Friday afternoons.

Prof.: "Archie, how would you punctuate this sentence? 'Alice, a pretty girl, is walking down the street."

Archie: "I'd make a dash after Alice.'

S.: "In Rochester we grewpumpkins that weighed 700 lbs."

H.: "In Millet we grew pumpkins so big that, when the inside was scooped out, the shells made dwelling houses."

D.: ' 'In England we grew pumpkins of which the government used the seeds for Zeppelins."

Prof. S.: "To ripen eream artificially use pure cream to which a sufficient amount of pure culture has been added to control the time of fermentation."

Spencer: "Do you spell culture with a "K?"

Prof.: "What is the ignition point of gasoline?"

A.: "Fifteen degrees ahead of dead centre.''

Prof.: "What causes pre-igni-

tion?" C.: "Water mixing with the fuel.''

A Sophomore wished to buy a horse and visited the Vernilion livery stable. He was shown an animal with a smooth glossy skin but affected with heaves. "Look at that coat," said the owner, "isn't it a dandy?" "The coat may be "said the student, " all right, I don't like his pants."

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#### ATHLETICS--THE FIELD MEET

AMONG agricultural students there is probably less inclination to engage in sports than is common among other classes of students. Yet a majority of the boys here have not only shown a keen interest, but have taken an active part in every form of sport for which the school has afforded opportunity. This disposition on their part is commendable. While it is unwise to allow interest in sports to overshadow that taken in school work, it must be admitted that athleties form an essential part of the activities of every body of students, and consequently should not, unless earried to the extreme, be discouraged.

The athletic events of chief interest in the fall term were the initiation and the field meet, which were

held on Friday, Nov. 6th.

The initiation, regarded with considerable apprehension by some first year men, might be likened to a small but vigorously conducted war, in which the Freshmen valiantly defended a flag, set on a ten foot staff, against a fierce attack by the Seniors. As is usual with experienced forces, the Seniors won by strategy rather than by superior numbers. They divided themselves into two gangs, one of which lurked in a machinery shed to the east of the battle ground, while the other vigorously attacked the west flank of the Fresh-This first attack succeeded admirably in its purpose of drawing the defenders away from the east side of their flag staff. A determined rush from the machinery shed enabled the second detachment of the Seniors to reach the flag staff Salar Teg

with little opposition. It was then but a second's work for Lobb to mount Fletcher's broad back, climb the pole and tear down the flag.

After the initiation the boys proceeded to the fair grounds, where a fairly complete programme of sports was run off, with the following results:

Standing Broad Jump—1 E. Sparrow, 8ft. 7in.; 2 E. Moore; 3 B. Anderson.

Running Broad Jump-1 Fleming, 16ft. 3in.; 2 A. Moore; 3 Gray.

Standing Hop, Skip and Jump 1 E. Moore, 24ft. 5in.; 2 Faulkner; 3 Anderson.

Running Hop, Skip and Jump— 1 Faulkner, 36ft. 2in.; 2 Gray; 3 Anderson.

Half Mile Run-1 Gray, 2min. 25sec.; 2 Lawson; 3 Bird.

100 Yard Dash—1 E. Sparrow; 2 Faulkner; 3 Gray.

Putting 16lb. Shot-1 Fleming, 27ft. 3in.; 2 E. Sparrow; 3 Anderson.

Throwing Baseball — 1 Fife; 2 Lobb; 3 Fleming.

The tug-of-war went to the Seniors, while the first year won the relay race.

Hockey was, of course, the chief sport during the winter term. After overcoming many difficulties in the making of the rink the boys succeeded in getting out for a few nights' practice early in January. The team was soon picked and sufficiently practiced to play a game.

On Jan. 23rd the school won a closely contested game from the Claysmore Clinkers by a score of 3-2.

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#### FIELD MEET--Continued

On the following Saturday the School of Agriculture played the Vermilion High School. The High School boys were not in condition, so the farmers won an easy victory, as indieated by a score of 5-1. On the 6th of February the High School boys, being dissatisfied with their performance of the previous week, and having strengthened their team somewhat, defeated the V.S.A. by a score of 3-2. At the conclusion of this game another was arranged for the following Saturday. Throughout the week there was much exultation in the High School over the victory to come. The V.S.A. team silently determined that victory should return to them on Saturday. The game, which was the fastest of the season, resulted in a score of 6-1 in favor of V.S.A.

The most interesting athletic event of the term came later. It was a hockey game between the girls of the V.S.A. and the girls of the High School, played on February 20th. Although the score was slightly in favor of the High School girls, the play was even and the game closely contested throughout. Possibly the High School girls were faster skaters but their opponents were superior in stick-handling.

#### Pleasures of Skating

SKATING occupies a most important place in the outdoor activities of the students of the V.S.A., the long winter months precluding most other sports.

The boys attending the college this year were fortunate in finding much of the work necessary for the preparation of a rink already completed. The site had been graded and levelled and the lumber used the year before was piled not far away.

The more enthusiastic advocates of the art of skating were soon hard at work. In a few evenings they had driven all the necessary stakes and were busy nailing on the boards. This done they could proceed more leisurely until the arrival of Jack Frost. His Frigid Majesty was in no great hurry, but when he came at last, every student was eager to try his newly-sharpened skates.

A water supply was the next problem. The school well was yielding only enough for the needs of the institution and as a consequence the athletie council was obliged to secure water from other sources. It met the difficulty by hiring a team and hauling from the Round House in town enough water to flood the rink once a week, usually on Friday The finishing touches evenings. were put on by the installation of a system of electric lights by which the rink could be brightly illuminated for evening use.

If it were possible to do so without detection the writer would pose as a past-master in the art of skating, as one versed in all the niecties of poise and equilibrium. Unfortunately his centre of gravity seems to

Prof.: "Name the parts of a hoard."

S.: "Corners, edges, faces and exostosis."

<sup>&</sup>quot;What is meant by a cubic yard of cement?"

<sup>&</sup>quot;A double square yard, sir."

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I might say that last year, the same as this year, I split my business, and this year again you gave me better satisfaction than the other firm, and I made up my mind to let you handle all my grain next crop, it I have any to sell. Wishing you every success, I am, yours truly, VICTOR HARLET.

So far this season, 1914-15, Mr. Harlet has consigned to us two cars of wheat, and there is more to follow.

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#### Pleasures of Skating

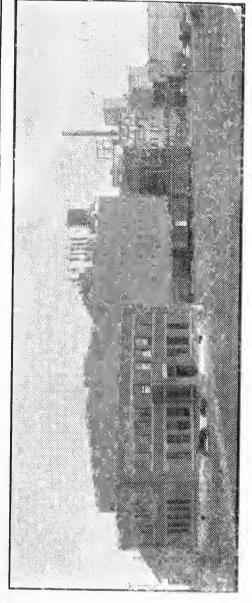
(Continued)

have been placed in an abnormally high position and, as in the case of Mr. Winkle, the "awkward skates" have a distressing tendency to 'plane, the while the sudden efforts of his cranium to strike up an acquaintance, are abruptly repelled by the hard, cold ice. He had wondered very often why the rink had been enclosed at all. boards did not seem to be necessary to hold the water, as the surface of the rink was below the level of the surrounding earth. After skating a few times the writer decided that they had been placed there for the special benefit of beginners. To take his own case, he attained, after many falls, sufficient balance to enable him to travel down the ice at a fair speed. Had there been no boards he would have continued his course into the field, but with them to act as a buffer and support he managed fairly well. In the hockey games the fence seemed to take the part of an extra player. A forward would dash off down the wing with the puck, pass it off at an angle on meeting an opponent, when it would glance and return to him on the other side.

Wednesday evening of each week the rink is open to visitors. That this is popular with our town friends is evident to anyone walking to the school on that evening. The lights and the flitting figures can be seen long before one reaches the school grounds, and on arriving he finds a merry stream of skaters, that, like the brook, apparently "goes on for ever." It is pleasant to see the easy motion of the skaters and to hear the steady, rhythmic stroke as the stream whirrs on.

The Committee and students are to be congratulated on the way that they have overcome all difficulties and made the rink an essential part of the Students' Athletic and Social activities.





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#### FIRST YEAR

Ben Anderson, Tofield Thomas Booth, Edmonton Fred Connelly, Vermilion Harold Connelly, Vermilion Mac Cameron, Vermilion Lacey L. Craige, Dewberry Wilfred Eyre, Vermilion Frank Eyben, Cummings John Eyben, Cummings Arol Fankher, Edmonton Leslie D. Fife, Edmonton W. Melvin Fleming, Sedgewick Harold Gares, Gilpin Frank L. Gracey, Edmonton John W. Gray, Tofield

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#### DOMESTIC SCIENCE-SOPHOMORE CLASS

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#### HOCKEY TEAM - VERMILION S.A.



Left to right---Lobb (captain), right wing; Fife, rover; W. Barr, cover point; J. Lawson, goal; Taggart, point; McLeod, centre; C. Barr, left wing.

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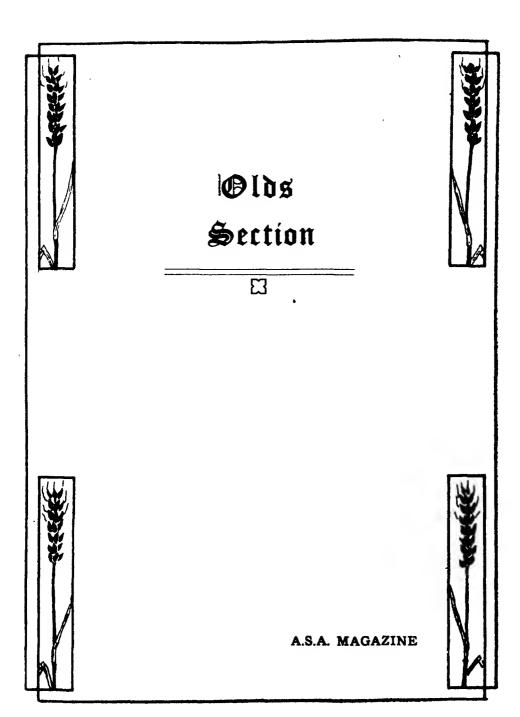
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EXPERIMENTAL UNIONG	. L. FLACK.
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<b>ART</b>	. SCHOLL.
j	J. E. ELLIS.

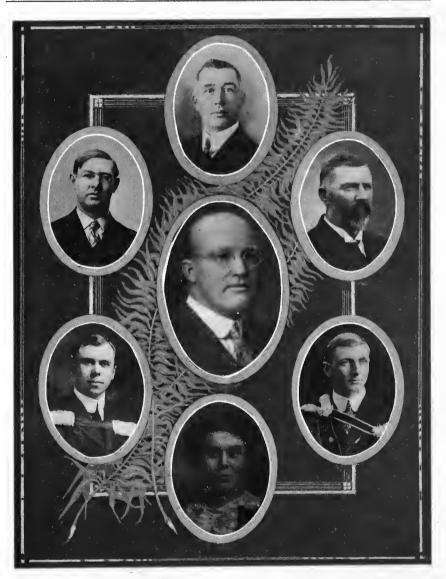
#### **BUSINESS STAFF:**

E. C. MENZIES.

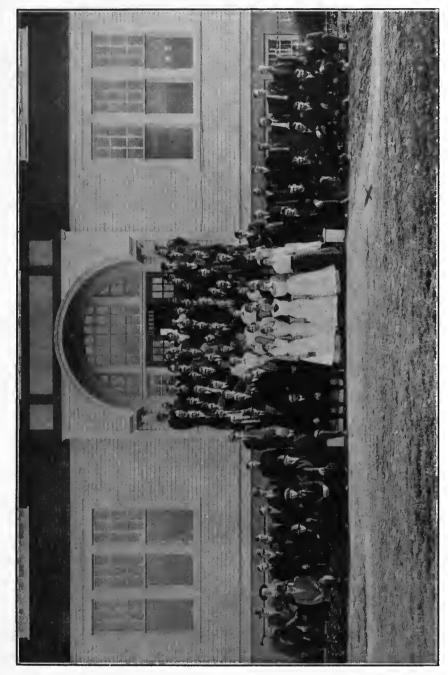
D. M. BLACK.

A. KEMP.

#### FACULTY—OLDS AGRICULTURAL SCHOOL

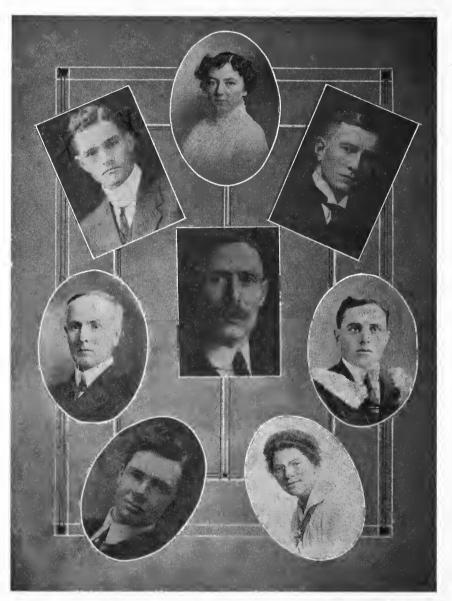


G. R. HOLETON. A. V. MITCHENER, B.A. A. W. FOLEY, B.S.A. W. J. ELLIOTT, B.S.A. (Principal). MISS M. GOLDIE. J. McNALLY. F. S. GRISDALE, B.S.A.



Students and Staff at the Olds School of Agriculture.

#### FACULTY—VERMILION AGRICULTURAL SCHOOL.



J. G. TAGGART, B.S.A. MISS CARLYLE. E. A. HOWES, B.S.A. (Principal). G. W. SCOTT. H. W. SCOTT.

E. S. HOPKINS, B.S.A. L. SHANKS, B.S.A. MISS HOTTON,



Students and Staff at the Vermilion School of Agriculture.



# Vermilion Section





A.S.A. MAGAZINE



### MAGAZINE STAFF:

EDITOR-IN-CHIEF
BUSINESS MANAGERT. H. TAYLOR, '15.
CIRCULATION MANAGERL. D. FIFE, '16.
STAFF REPRESENTATIVEG. L. SHANKS, B.S.A.

### CONTRIBUTORS:

E. A. HOWES, B. S.A.	HERBERT SPENCER, '16.
ATHLETICS	.J. G. TAGGART, B.S.A.
	AROL FAULKNER, '16.
LITERARY	.N. F. BELL, '15.
(SOPHOMORE BIOGRAPHY	MISS ADA RAWLE, '15.
AND PHOTOS)	GORDON FLETCHER, '15
PHOTOGRAPHER	.G. W. SCOTT.

### SOPHOMORE CLASS, '15, OLDS S.A.



MISS HATTIE CLARKE, ALMONTE, ONT.

Praise to the girl who's strictly in it, Who doesn't lose her head for a minute. Plays well the game and knows the limit. And still gets all the fun there's in it.

MISS ELIZABETH STROYAN, PERBECK.

She'll ha'e misfortune great an' sma'. But ave a heart above them a'. She'll be a credit tae us a'.

MISS RUTH WALROD, OLDS.

It is easy enough to be pleasant When life glides by like a song, But the girl worth while Is the girl who can smile When everything goes dead wrong.

MISS LAURA E. HARTMAN, OLDS.

And no one shall work for money, And no one shall work for fame, But each for the joy of working, And not for the love of gain.

MISS EDYTHE RHODES. BOWDEN.

Diegon (1954) If she has any faults, she left us in doubt; At least, in two years we could not find them out.

# To the Students of The Olds School of Agriculture

THE SCHOOL YEAR is drawing to a close. No doubt you are thinking of giving a little reminder of your friendship towards one another. Do you realize that nothing would be more appreciated than a photo of yourself? We have different sizes and prices. Specially Reduced Rates are being offered to O.S.A. Students. . . We guarantee our work.

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### SOPHOMORE CLASS, '15, OLDS S. A.



MISS MARION D. CRAIG. OLDS.

With a hand and heart to help everyone. Is quiet but simply overflowing with kindness.

MISS DISA BJORNSON, MARKERVILLE.

ms. Dies Severelle Her honest, cheerful, modest face Won her friends in every place.

MISS VERNA WELSH, OLDS.

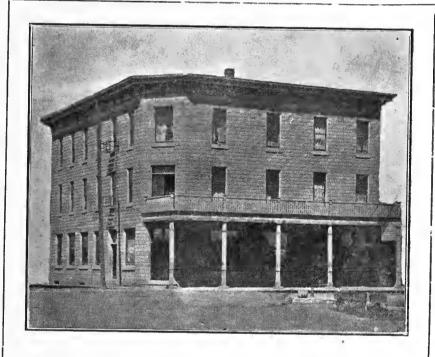
Nature shows herself best in her smallest works.

MISS LUCILE SHEA, OLDS. Lead

It is our opinion that nobody will ever know half of what is in her unless something very unexpected turns up.

MISS LAURA M. NELSON, CARSELAND.

It's how you talked and looked at things That made us like you so.



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### SOPHOMORE CLASS, '15, OLDS S. A.



ERNEST C. MENZIES. "E. C." was born and received his early education in the Province of New Brunswick. He was President of the Literary Committee in 1913-14, President of the Students' Union 1914-15, and has been a member of the debating team and Business Manager of the Magazine for the past two years. Through his efforts and under his direction a Cadet Corps has been formed and much valuable work accomplished.

GORDON L. FLACK. Gordon has been O.S.A. Libranan, and during his two years at Olds has shown himself to be perhaps our most faithful and conscientious student. He was unanimously re-elected this year as Secretary of the Students' Union and of the Y.M.C.A. Of the Experimental Union he was Vice-President for 1913-14 and is President for 1914-15. He came from Simcoe Co., Ont., to Lacombe eight years ago. Besides his work on the farm Gordon has taken a normal course and taught school for a year.

ROBERT D. SINCLAIR. Bob is the quiet kind of fellow who talks little but always "gets there." In examinations he usually comes out top, and has earried off special prizes for his work at Olds, including the first prize in the 1913-14 P. Burns Competition. For two years he has been Secretary of the Athletic Association, and the capable Secretary-Treasurer of the Magazine. He is an old-timer, having been born at Innisfail, where his father, David Sinclair, breeder of pure-bred shorthorn cattle, settled 28 years ago.

J. A. GOLDIE. Alee lost none of his amiable qualities when he was transplanted from the Ontario Agricultural College to Olds. The many laurels which our hockey team won this season would not have been possible had it not been for the excellent work done by him at "point." The success of our social evenings during the winter was due greatly to Alec's untiring efforts as Vice-President of the Social Committee.

THOMAS SIGURDSON. Tom was first student to register when school opened in the fall of 1913. He is a good judge of Shorthorns, Clydesdales and Shropshires. Tom won second prize in P. Burns' competition last spring, and at our field meet last year won a cup offered by Hon. Duncan Marshall for best all-round athlete. He has ably filled the positions of Secretary to the Literary and Social Committees.

wed



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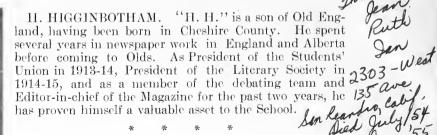
ENTRIES for Horse Show and Sale close April 1st; for Cattle Show and Sale March 15th

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E. L. RICHARDSON, Secretary,
Alberta Live Stock Association, Calgary

### SOPHOMORE CLASS, '15, OLDS S. A.



R. P. GRATZ. Robert began life in New Brunswick, lived for seven years in P. E. I., came to Alberta eight years ago and settled at Sunnyslope, west of Didsbury. He is a son of Rev. Humphrey Gratz, who abandoned the ministry in favor of mixed farming, and has been successful in that line. Robert intends continuing his study of agriculture in one of the Provincial Agricultural Colleges.

SWAIN SWAINSON. North Dakota's loss was surely Alberta's gain when, fourteen years ago, Swain eame to make his home in the sunny province. To know Swain was to know a jolly boy who always wore "the smile that won't come off." Swain is an excellent judge of live stock and an ardent admirer of thoroughbred horses and shorthorn eattle.

EINAR E. STEPHENSON. Alberta is fortunate in being able to claim Einar as a son. He was born at Innisfail, where his parents homestcaded some 26 years ago. He is a fine athlete and one of our best men in the blacksmith shop. Einar is a staunch supporter of the Experimental Union, and we expect big things from him when
he returns to his farm to put into practice some of his
farming theory.

JESSE F. BLOCK. St. Cloud, Minnesota, the granite city, claims distinction as being the boyhood haunt of Jesse Block. Jesse came to Canada in 1901 and has since resided at Strome, Alta. He has been prominent in the School Orchestra. Should he reach the height of his aspirations—that of taking his B.S.A. and V.S.—the O.S.A. will in no way feel inclined to disown him.

3 wh heart









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### SOPHOMORE CLASS, '15, OLDS S. A.



J. L. McKINNON. Life at the O.S.A. has been made much more pleasant by Locke, underneath whose shaggy eyebrows there always lurks the merry twinkle which is ever ready to herald forth some choice bit of humor. Of an unassuming disposition he has never aspired to any of the student offices, but was always ready to do his share of altruistic work. He was born at Red Deer, where his parents settled 24 years ago. On the football field, where he had no superior, he could generally find the opposing goal.

THOMAS McNALLY. Tom was born at Fencion Falls, Ont., and lived at Desbarats, Ont., for fourteen years. He came with his parents to Claresholm, Alta., where his father managed the Demonstration Farm for three years prior to coming to Olds. Tom is now engaged in stock farming south-east of Olds, and intends batching on his brother's farm in Saskatchewan this coming summer. He also intends going on to the University.

CARL SCHOLL. The Stars and Stripes lost a worthy subject in the person of Carl Scholl. While Ohio claims the distinction of being his birthplace, Illinois and Indiana have also been the scene of many of his wanderings. For the last four years Carl has made his home in Canada. The Olds School of Agriculture has certainly had an example of industry set before it by him. We feel that with his wide experience Carl will make a name for himself in the agricultural profession.

RUSSEL IDE. Russel comes from Oregon, where he attended the Oregon Agricultural College for one year. He is assisting his father in operating a large dairy farm south of Olds. The students recall with pleasure some trips made to this farm, where the up-to-date buildings and high grade Holstein-Friesian cows are a credit to the district. Russel's pleasing manner and winning smile make him popular wherever he goes.

ANGUS McKINNON. Another Alberta-born boy, hailing from Langdon. Although still on the sunny side of sixteen, Angus has been able to hold his own with the older members of the class. While Angus might be thought to aspire to the lofty altitude of a Professor of Chemistry, we believe his first love, the Shorthorns, will prove the stronger.

# Dr. H. P. Kenney

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JUDSON ARCHIBALD. "Jud" used to be "blue nose." He came west at five years of age and settled with his parents north-west of Laeombe at Lochinvar. Jud has followed up mixed farming sinee coming to Alberta and intends going back to the farm from the O.S.A. He is a staunch believer in Percheron horses, and will no doubt spend a considerable part of his time in raising that class of stock.

ANGUS McNEILL. Angus is the son of Duncan McNeill (farmer), of Chesley, Ont. He came west four years ago to make his own way in the world. He has been with G. P. Drew, neighboring the Olds Demonstration Farm, for the last three years. Angus was President of the Athletic Society in 1913-14.

JOHN E. ELLIS. John has been somewhat of a rolling stone. He received his early education in London, Eng., and later at Brussels. Since coming to Alberta he has been engaged in farming in various parts of the province, working last summer on the Lacombe Experimental Farm. He has considerable ability as an artist, the cartoon "Domestic Science Girl's Graduation," on another page, being one of his productions.

HOWARD PIERCE. Howard was born in South Dakota and lived there till nine years of age. He came to Daysland thirteen years ago and engaged in mixed farming in that district. Howard was a very enthusiastic member of the O.S.A. Experimental Union last year, and will no doubt be successful in work along that line in the future.

HENRY GUENTHER. Henry is a German by birth, coming to the United States when three years old and settling with his parents at New Haven, Conn. They came later to Alberta and engaged extensively in mixed farming. Henry takes a great interest in Experimental Union work, and is the best student in farm mechanics.



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### SOPHOMORE CLASS, '15, OLDS S. A.



ARTHUR McALLISTER. Arthur was born near Pendld, Alta. "He's little but he's wise, he's a terror for hold, Alta. his size," applies excellently to Arthur, who is the youngest member of the class. There is nothing slow about Arthur, as is shown by his ability in getting "A's" at examination time.





FRANK D. STEVENETTE. Frank is a loyal Canadian although he was born at Tabor, Iowa. The most striking characteristic about Frank is the quiet, unassuming manner in which he goes about his work, and the thoroughness with which he does it. Frank has shown himself a gentleman on all occasions and is a credit to the institution.



PROCTOR PAULSEN. We are indebted to North Dakota for another of our illustrious scholars. Proctor is a staunch Canadian, having lived in Alberta for sixteen years. He is a very genial companion and a couple of hours in his company passes very quickly.



ROY REDFORD. Roy is southern born. He came to Alberta from South Dakota with his parents in 1902 and settled in the Olds district. He has been engaged considerably in mixed farming and intends going on the farm in the spring. Roy is an excellent horse judge and also scores high in blacksmithing.



AURMAN JOHANSON. Aurman was born at Baldur, a modest village in the heart of a fertile southern Manitoba district. When sixteen years of age, he came to Tindastoll, Alta., with his parents, who are now engaged in mixed farming in that district.

### SOPHOMORE CLASS, '15, OLDS S. A.

W. RODGERS: One of our students hailing originally from the motherland, "Bill" was prominent in all social and athletic activities. His sturdy constitution was an object of envy to most of us. We were sorry when he left Olds in the middle of the term.

WM. WHITESIDE. One of our younger students, but standing six feet one, Will was a popular boy at Olds. He came from Penhold, which district sent us several stalwart sons. Will left during the term to join the Alberta Mounted Rifles, and is in training at Red Deer.

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### FIRST YEAR STUDENTS

Arnold Baker Chu Donald M. Black Wm. T. Carter Lee K. Drew Paul D Fulton F. W. Falkner R. F. Hansen 2 Bryan E. Hammond Alvin Hays Fred Kroetsch James Leigh Geo. A. Murray J. Mangan Mack McColl A. L. Miller Leslie Petersen W. Gordon Ritchie Harold Steele John E. Scarlett Christ, Sorensen Win. Thurston Albert B. Wiancko

Herbert Batley Leonard E. Blois Allen Crawford Alex. E. Ellis Oscar H. Foreman 6 Geo. W. Gorinan Jack Hodgson Hans C. Hansen Otto Jensen Arthur Kemp P. D. Menzies Paul Marvach Stephen Maxson Otto Miller John Ogren J. Doan Quantz Just Richard Reddon Oscar Sundberg Carroll Stewart Thos. Thompson Henry White Wm. Winters

Walter Bicknell Arthur C. Cormode Arden Deadrick Victor P. Ellis J. Phillip Fulton Royal Gawley Wm Hansen Harold C. Hopkins Oscar Kuester Campbell Lindsay Ralph H. Morrison James W. Meeres Mitchell Moir Hector McArthur Harold Phillips Lyle V. Russell Wilmer Reist ? John Scott I. Warren Smith Harold R. Thornton G. A. Whiteside Thos, Wilkerson

### SECOND YEAR

Judson Archibald Gordon Flack Henry Guenther Aurman Johanson Arthur McAllister T McNally Wm. Rodgers ~ Thos Signrdson Carl A. Scholl ~

Jesse Block J. A. Goldie H. Higginbotham E. C. Menzies Angus McKinnon← Howard Pierce Roy Redford R. D. Sinclair S. Swainson

John E. Ellis Robert Gratz Russell Ide Angus McNeil J. L. McKinnon Proctor Panlson Einar Stephenson⊷ Frank D. Stevenette Wm. Whiteside -

### HOUSEHOLD SCIENCE DEPARTMENT

### FIRST YEAR

Lilian Archibald Pearl Densmore Grace Ford Marie Marnach Merle Miller Lorine White

Amy Belle Cattnach Davida O. Edlund Lottie Holmes Mary McAllister Estelle Phillips Mrs. Wong Pond

Maud Cheesman Elizabeth Fawcett Laura Ingles Magdalen E. Moore Katie M. Scott

### SECOND YEAR

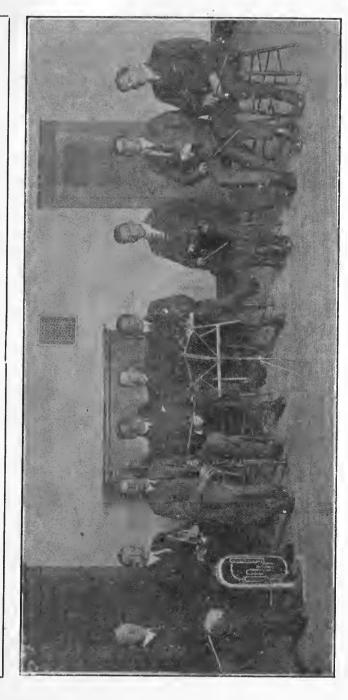
Disa Biornson Nellie Grant

Hattie Clarke Laura Hartman Lucile Shea

Marion D. Craig Laura Nelson Elizabeth Stroyan

1. married miss Ide-died of cancer after oversess. 2. in Oakland (1954)

# AGRICULTURE OF SCHOOL OLDS ORCHESTRA



Names, left to right.--W. J. Elliott (trombone); Ross Silverthorne (cornet); G. R. Holeton (clarionet); Robt. Martin (flute); A. H. Baker (piano); Frank Henderson, Jesse Block, Carroll Stewart, and Fred Falkner (violins).

# THE SECOND FLOOR FRONT

Our Science Professor, an excellent man, Spends his "spares" on the next floor above; He eats all the candies and cakes there he can, But I'm fully convinced he's in love.

At the boarding house table he ne'er touches tea, For the girls he will drink like a fish;
To us boys in the class-room he's stern as can he,
To the girls he's as nice as you'd wish.

In a snug little nook at the end of the hall, Just right to accommodate three, He sits in the awkwardest chair of them all,

While he forces down quarts of stale tea.

These things seem to indicate plain as can he Affinity's striking example is he, But the question is, "Who is his dove?" That our Science Professor's in love;

### O. S. A. EXPERIMENTAL UNION

THE idea of organizing an Experimental Union emanated from the fertile brain of Mr. R. Figarol in 1913-14. The same sterling qualities which caused Mr. Figarol to be the nerve force behind this organization, tore him from his work here and earried him across the water to defend the home of his ancestors in France.

The first year's work was planned with the object of proving which variety of grain or grass was suited to the particular district in which

the experimenter lived.

Three varieties of barley were chosen—O.A.C. No. 21, Chevalier (two-rowed) and Guy Mayle (hulless). These were sown on ½-aere plots, and from these plots five pounds of hand-selected seed was saved, with the idea of improving the yield and the stiffness of the straw. The outcome was very satisfactory. The Guy Mayle, a comparatively new and very early variety, gave phenomenal results in some instances, while the O.A.C. 21 upheld its reputation as a standard barley for Central Alberta.

The work with Vietory, Abundance and Newmarket oats was of the same nature. The individual characteristics of these oats were not so widely different as in the case of the barleys, yet valuable information was worked out and some extraordinary yields obtained. The highest yield was the 122 bushels per acre of Mr. T. Sigurdson, Mr. E. Stephenson being second with 90 bushels per acre.

Work of inestimable value was begun with alfalfa, the results of

which are yet to be seen, the developments so far being most promising.

Experiments with grasses, such as Kentucky Blue, Western Rye and Sheep Fescue, constituted a very interesting line of work; while in the ease of the small fruits the results were rather disappointing, owing to

the purchase of poor stock.

Apart from the tangible results obtained was the enthusiasm created among the members by the visits of the secretary, Mr. Grisdale. Not only was the work of the union accentuated, but Mr. Grisdale had the interests of the men at heart, and gave most helpful advice on many problems in all lines of work.

Incentive was added to the work of the union by prizes which were given by the government and the C.P.R. These prizes were won by G. L. Flack, Jesse Block and Henry Guenther, and were awarded according to the thoroughness of work done and the quality of grain produced.

The program of work as outlined for the second year is wide in its scope and should prove that the day of startling developments in agriculture is not past. The work consists of experiments in plant breeding, cultural methods, pedigreed-seed selection, potato culture, root seed growing, alfalfa culture for seed, and the breeding of sheep.

Judging from the enthusiasm of the new members, the enrolment being doubled, the Experimental Union promises to be in the future one of the most beneficial organizations in Alberta agriculture.

G. L. Flack.

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OKOTOKS RED DEER VETERAN

INNISFAIL MUNSON

### SCHOOL SONGS.

(Tune: There is a happy land.)
There is an O.S.A. up on the hill,
Where, when we smash a glass, in
comes the bill;
Carpentry and Chemistry, English

Carpentry and Chemistry, English and Hemistry,

Holeton and Mitchener, three times a day.

Grisdale and Elliott hot on our trail, When there's a lark in sight they never fail;

Foley and chicken coops, Goldie and Lyon's soups,

Debaters and minstrel troupes,

O. S. A.

(Tune: Marching through Georgia.)
Hurrah! hurrah! the hockey game is on,
Hurrah! hurrah! the battle habegun;
Put the puck right in the nets, anthen right back again,

And the Blue and Gold will win the game.

Here's to the hockey team, all in a row,
Vive la companie!
But what they are good for we really don't know,
Vive la companie!

### Chorus:

Vive le, vive le, vive le roi, Vive le, vive le, vive le roi, Vive le roi, vive la reine, Vive la companie!

Who said Osear Foreman thinks of "Marryin" 'Ide?

# **ULL CALVES**

r sale some exceptionally wellnging in age from one to four ves are by Colony DeKol Korn-DeKol Posch (14882) has a record lays as a junior three-year-old, lays as a four-year-old.

by such bulls as Ormsby Duke rmsby (4171); Plus Inka Sylvia is Posch, the sire of May Echo le 33.94 pounds butter in seven ntiacs (7332), a son of King of of the breed; and Sir Lyons he great King Segis.

mong the very highest produca. The calves themselves are als that promise to develop into

 of each individual's breeding ing our farm, which is 35 miles of C.P.R. Address;

# ailway Supply Farm - ALBERTA

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Principal Elliott:

Those who feel they would like to miss any of the lectures are quite free to do so. Also, as long as you get here in time for the second period in the morning that is all we ask of you."

### Mr. Grisdale:

'Rotation of crops is a thing which may be safely neglected by the Alberta farmer. The best advice I can give any of you men is to go in for straight wheat growing year after year, and never give your land a change."

### Mr. McNally:

"Always sign your name to anything a person may ask you; or if a friend wants to borrow money, give him a blank cheek to fill in as he likes. Never keep a record of any transaction and always destroy your receipts. Mistakes in bookkeeping are perfectly excusable."

### Mr. Mitchener:

"Look here, you fellows, you don't need to trouble all out the spelling. As long as you get the stuff down, mistakes in spelling will not make any difference to the marks; and you can fold your papers any old way you like."

### Mr. Holeton:

"With regard to gasoline engines, when you have shut down for the day, always leave the cylinder lubricator turned on and the battery switch closed, and, in the winter, always leave the hopper full of water. If you remember to do these things earefully, you will find the engine much easier to start next time."

DR. TALBOT:

When administering laudanum. the amount given is quite immaterial."

### Mr. Foley:

"Good morning, everybody. Professor Elliott has put me in here to speak to you for half-an-hour on chickens, but I am sure you will excuse me if I can't use up all the You know I am very nervous and never have much to say for myself.''

### Mr. Pearson:

(Demonstrating the making of butter) - "That's right, gentlemen, erowd around as close as possible, so you can all see; and I would like you to discuss, among yourselves, the various operations as I proceed. You will notice I am adding sulphyric acid to soften the butter and improve the flavor."

	The	Best of Everything—
The	best	amount Moore
	٠,	meal Ham (m)-and
	, ,	artist Drew
	, ,	auto Ford
	, ,	velticle Shea
	٠,	nerve Gawley
	, ,	metal Gold (ie)
	, ,	eookBaker
	, ,	measureFul(l)-ton
	, .	security Locke
	, ,	man Fore-man
	٠,	hunter Falconer
	,,	side White-side
	, ,	beef type Angus
		erop Flack's

season . . . . . Winter(s)

eolors.....Black and White '

# If Bacteria were as Easily Seen as Gnats

If Bacteria were as easily seen as gnats no one would need to tell - you how much superior -



was to other washing materials. But because bacteria cannot be seen by the unaided eye, and because you have always believed things to be clean that looked clean, you do not appreciate how WYANDOTTE DAIRYMAN'S CLEANER and CLEANSER does an immense amount of cleaning that you are apt to overlook.

To every Dairyman, be he the owner of one cow or the owner of many, a dairy cleaner is a necessity, and it should be one that



Indian in Circle | will not only remove the dirt and objectionable matter that can be seen, but the invisible bacteria as well.

> Ask your dealer for a small sack or order a barrel or keg from your dairy supply house.

Give it a fair trial and know for yourself how onevery Package well it does what you want done.

# THE J. B. FORD CO.

WYANDOTTE

MICH.

This Cleaner has been awarded the Highest Prize wherever exhibited

### LIGHTER VEIN

Was it for lack of bristle?
Was he scalped or was he scald'?
Will someone kindly tell me
Why is Archi-bald?

What is Higginbotham's favorite color when in Red Deer?—WHITE.

Which enjoyed the dauce most—Miss Lyon or Mr. Guenther?

Block:--"Do you think my mustache is becoming?"

Jack Ellis:—"It may be coming, but it has not arrived yet."

Overheard in Red Deer:
Said Stewart unto Lindsay,
''A girl I'd like to spark;''
Said Lindsay unto Stewart,
''When he is the New Poorle

"Why don't you try Miss Parke?" Said Stewart unto Lindsay,

"My courage is too frail;"
Said Lindsay unto Stewart,
"Then go and try Miss Dale."

Ask H. H. and H. H. how Red Deer looks by moonlight. They say it looks WHITE.

The Science Professor speaks:
"Of all my science lectures
Which most appeals to thee?"
Then Hammond promptly answers,
"Why, 'tis AFFINITY."

J. A.47. murmurs in his dreams:

'Tis sweet to love,

But oh! how bitter

To love a gal

And then not git 'er!

"How do you take a temperature?"
The Doctor looked quite glum;
"Why," said young Herbert Batley,
"You take it with your thumb."

Who is the luckiest guy in the world?

A dumniy listening to the O.S.A. orchestra practice.

Dr. Talbot now sees that it would take no great inventive genius to put a set of false teeth in a peacock.

At a Didsbury restaurant—
"Say, John," growls J. A. G.,
"this chicken is not very tender."
"You likee chicken kissee you?"
replies the Chink, taking it away.

E. C. Menzies (hearing a noise under the hed at night)—"Who is there?"

Burglar — "There ain't nobody here at all."

E. C. M. (absent-mindedly)— "Oh! pardon me; I thought I heard a noise."

Extract from the Ensleigh local news of June 23, 1915:- "A curious incident recently occurred to Mr. Royal Gawley, while driving one evening with his fiancee. The horse Mr. Gawley was driving unfortunately suffered from side-bones. Naturally, the horse received only a minor share of Mr. Gawley's attention. On arriving home it was found that the side-boned half of the horse had been left behind. The sad part is that the lost half has not yet re-Anyone finding it will receive a substantial reward from the owner. In the meantime the horse is useless."

# The Peerless Dairy Hand Babcock Tester

The DAIRYMAN can learn and save much by an individual Test of each Member of the DAIRY HERD. The machine is light, simple and compact, turns very easily without vibration or jar and can readily be attached for operation to any bench or table, by making the test rapidly very accurate results can be obtained. Prices given are complete with full set of GLASSWARE, consisting of TEST BOTTLES, PIPETTES, ACID MEASURE, also TEST BOTTLE BRUSH and small Bottle of Acid, also full instructions for use.

### —: PRICES :--

TWO-BOTTLE MACHINE, complete for Testing Milk, only \$6.00

TWO-BOTTLE MACHINE, complete for Testing Cream and Milk, including two each Cream Test Bottles and two Milk Test Bottles, and two Pipettes for \$7.20 FOUR-BOTTLE MACHINE, complete for Testing Milk, only \$7.60

FOUR-BOTTLE MACHINE, complete for Testing Cream and Milk, including two each of Cream Test Bottles and Milk Test Bottles and two Pipettes for \$8.20

Approximate Weight 13 lbs. Terms—Cash Prices, Calgary.

We are Agents for C. RICHARDSON & CO., of St. Mary's, Ont., and carry a complete stock of Dairy and Creamery Apparatus. Write us for our Catalogue.

### ELLIS & GROGAN

401, 8th Avenue West

CALGARY, ALTA.

### LITERARY SOCIETY

THE Literary Committee this year experienced very little trouble in getting up programs for the regular Literary period on Fridays, as they found great wealth of talent and splendid willingness among the students. Many and diversified were the entertainments which we all attended (it was compulsory), including songs, recitations, instrumentals, readings, impromptu speeches, orehestral seleetions, and debates. We also had several speakers visit us and deliver addresses on various subject of interest.

Early in the term it was decided that we should enter teams in the High School Debating League, and the students supported the idea very strongly. In all twenty-three aspirants for team honors were tried out and and teams selected by the staff after several hotly contested elimination debates. It was finally decided that H. Higginbotham and H. R. Thornton should constitute the affirmative team and E.C Menzies and G.W. Gorman the negative.

Up to the time of writing our team has been successful in the two preliminary and one of the semifinal rounds of the League. They defeated the Olds High School on Deeember 11th and January 15th respectively, debating the subject,
"Resolved that the Consolidated Rural School is preferable to the Small Rural School." On February
5th they were also successful when they met last year's cup winners,
Camrose High School, on the resotion: "that Canada should adopt

the Australian system of Compulsory Military Training." We have yet to pass through another semi-final and the final round, but have high hopes of seeing the Rutherford cup in our halls for next year.

The Literary Committee this year consisted of H. Higginbotham, President; Miss E. Stroyan, Vice-President; and D. M. Black, Secretary, together with several of the students who consented to act as captains of debating teams. The Committee desires to take this opportunity of thanking the School Orchestra and all the artistes who have so kindly helped them out with their programs.

D. M. Black.

### CHORAL SOCIETY

A CHORAL CLUB was organized at the beginning of the term with Miss Esther M. Moore, L.T.C.M., as president and leader; Miss Marnach, vice-president, and Mr. Baker, secretary.

The organization started with about twenty-five members.

The first number, "The Call of the Empire," was given at Literary Evening, early in the term, with much success.

On the evening of the Christmas entertainment the choral sang "Silent Night, Holy Night," and at the recital given by Miss Moore and her pupils on January 29th, "The Russian National Anthem" with orchestral accompaniment was ably rendered.

Surely Miss Cheesman does not require to attend Dairy lectures!

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# THE CRYSTAL PALACE

PROPRIETOR: R. R. ARMSTRONG

### **NEILSON CHOCOLATES**

"A gift worthy of the giver"

### PURE ICE CREAM

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FRESH FRUITS and CANDIES
FIRST CLASS BREAD and CAKES

OPEN EVERY EVENING

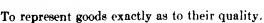
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(OPPOSITE THE PARK)



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To fulfil our guarantee, and cheerfully give any reasonable assistance or information.

To deserve your confidence, by always giving you "a square deal."

We honestly endeavour to do business on the above lines, and are proud of the reputation which has been won by careful and persistent efforts to meet the needs of our customers of every clime and nationality.

**MASSEY** 



**HARRIS** 

. COY., LIMITED.

### Household Science Jottings

Edited by Esther M. Moore.

THE second O. S. A. year is drawing to a close, and the infants of 1913-14 become the graduates of '15. It is not without a feeling of regret that we acknowledge this progress of time; so in the midst of congratulations and good wishes we pause to reflect for a moment on the events of 1914-15, the first year of Sophomore-Freshman Fellowship (and rivalry) in the life of our young College.

Early in the winter term two or three enthusiastic "Freshies" gathered together in one place and discussed in mysterious whispers the possibility of a skating party at Cloakey's Lake. Elaborate plans were laid—even for the frying of the sausages at the camp-fire feastwhen, lo! a chinook loomed in sight and wiped the snow from off the earth, and therewith most of the However, ere another week had passed, elimatic conditions became more favorable, and on a moonlight Friday night a party of twenty, chaperoned by Miss McIsaacs and Miss Goldie-and Mr. Mitchener!launched forth in one large sleigh 'paits unknown.'' For about two hours the streets and country roads were made to ring with college songs and yells. At ten o'clock the revellers "returned empty" to the Moore residence, where Miss Moore and Miss Phillips were awaiting them with hot coffee and a taffy-pull. About midnight the party broke up, not, however, till our "single" Professor of Science was shown, by

practical demonstration, the exact melting point of snow—when that substance is hastily transferred from within a taffy pail to the back of one's neck.

"Mac" McC., to the father of the Sixth Spasm—"Sir, your daughter has promised to become my wife."

Father—"Well, don't come to me for sympathy, you might have known something would happen to you, hanging around here seven nights a week."

We all lament the fact that Miss Fawcett and Miss White, two first-year girls, were unable to return to us after Xmas holiays. Whether the stress and strain o'ercame them we know not, but this we do know that their radiant smiles and ready sympathy are still missed in class and play alike.

At the beginning of the New Year we had the pleasure of welcoming into our midst three Newest of the News-Miss Cheeseman, of Edmonton, Miss Archihald, of Lacombe, and Miss Miller, of Olds. These latest reinforcements to the ranks of "Freshies" are certainly the proving worthy of their positions. for already the first-named can monopolize more gas stoves and frying pans than six ordinary students: the second has been elected leading lady in the O.S.A. Social Committee, and the third is our grand-stand Basket-Ball De-



# Minnetonna Home Creamery

Each Minnetonna Home Creamery is Backed by the Full Responsibility of this Firm.

ABSOLUTELY GUARANTEED TO MAKE GOOD FOR YOU

Here's something you have undoubtedly wanted and longed for. Here is a combination three in-one machine just like the creameries use. So mechanically

perfect and well built that instead of having three or four different kinds of machinery to make butter, you can now do it better, quicker and with more profit with just this one machine.

The MINNETONNA HOME CREAMERY marks a new era in the possibilities of butter making

It brings more forcibly than ever before you that all important question—"Is my butter going to be good or bad?" The MINNETONNA HOME CREAMERY settles this question—and settles it so economically and easily that if you do not install one you are not taking advantage of a modern opportunity placed before you.

YOU need the MINNETONNA HOME CREAMERY.

You need it for more than one reason—first, because it will bring to you a much higher standard of CREAMERY butter, made right in your own home, with your own well-taken-care-of butterfat and in your own clean kitchen. It will bring materially increased profits to you because of its ability to make *more* butter and *better* butter which you can sell at standard market prices.

And even better—it will mean the saving of a whole lot of time and expense on your part by doing away with long trips to the creamery or station and long trips back home again. No longer will you have to stind in *line at the station or the creamery*. No longer will you have to take the standard price for your butterfat and let the creamery or centralizer get the 18 to 25 per cent. overrum.

The MINNETONNA HOME CREAMERY eliminates all these unpleasant and unprofitable features.

The MINNETONNA HOME CREAMERY is guaranteed to be exactly as represented; to give satisfaction and produce the very finest creamery butter that can be made, if our instructions are followed.

A sample of this Machine may be seen at the Olds Provincial School of Agriculture

# MARSHALL-WELLS ALBERTA CO, LTD. WHOLESALE SELLING AGENTS FOR ALBERTA.

If your local Dealer does not handle this Creamery, kindly write us, and we will give you the name of the Dealer handling this Creamery in your vicinity.

### HOUSEHOLD SCIENCE JOTTINGS - Continued

fence—sensational to the uttermost on slippery floors.

# A TRAGEDY IN THREE ACTS (WEIRD MUSIC).

Act I.

Freshman, Sophomore, and Snowbank.

Act II.

Sophomore and Snowbank.

Act III. Snowbank.

Miss Nelson, of Strathmore—second year—rejoined her class in January, after having been home since last spring. We are truly glad to have her with us again, more especially as she is proving a valuable addition to the Ford-Phillips Rooters at the Hockey Rink.

Our graduating year lost one of its fair members during the mid-

year holidays, when Miss Agnes Walters was ruthlessly snatched from out their numbers and swung into the Avenue of Matrimony—the fortunate gentleman being Mr. Earl Wygle, of Wainwright. Our heartiest good wishes are extended to Mr. and Mrs. Wygle.

On the second Saturday afternoon, in November, the girls were entertained by Miss Goldie and Miss Lyon, at the college. The hostess had planned various unique contests, and at the conclusion of these dainty refreshments were served. After a delightful two hours the guests departed, declaring their lady friends of the Faculty to be "the best yet."

The Saturday after the above affair, our loyal friend, Mrs. Elliott, entertained all of the girls at a Thimble Tea, at her home, and thus further exemplified her reputation as a truly hospitable hostess and sympathizer in college life.

### Wouldn't It Electrify You?

"Watt hour you doing there?" asked the instructor.

"Eating currents," replied the student shamefacedly; "anode you'd eatch me at it."

"Wire you insulate this morning, anyway?" demanded the instructor.

"Leyden bed," came the answer.
" 'Fuse going to do that every
day take your hat and go 'ohin,"
said the instructor.

And the circuit was broken right there.

### Wanted-

A GIRL—Anyone who will pay for this ad, will do. Bob Gratz.

THE MAN who said I broke the window in the Didsbury hotel. "Red" McColl.

A New hockey team. No one on the present team need apply. Bryan Hammond.

A SOLVENT to be taken before and after meals to help me solve equations in chemistry, Tommy Sigurdson.

# "BLUE" and "YELLOW"

are the colors of the O. S. A.

You can get them at

# **CRAIG'S**

OLDS' BIG DEPARTMENTAL STORE

Large range of materials for Piain and Fancy Sewing, required by Domestic Science Students

MENS' and YOUTHS' OUTFITTING a SPECIALTY

Craig & Co.,

Olds, Alberta

# Bentley Bros.

Dealers in all kinds of Fine

Harness and Horse Furnishings

HAY and GRAIN

OLDS, Alberta

# T. POKOTILO

(Opposite XL Meat Market)

All Kinds of BOOTS and SHOES kept in Stock

**Boot Repairing a Specialty** 

OLDS, Alberta

### OLDS SCHOOL OF AGRICULTURE

In the town of Olds, just a few blocks away
From the station, you'll find, if you go the right way,
A well-equipped building—dinna ye ken?—
A school for Alberta's young women and men.

There women and girls learn to cook and to bake, To nurse and to sew in a style up to date; While men learn by methods modern to farm, And how to keep stock and their crops from all harm.

And besides learning things that in life spell advance,
They have, every Friday, a social or dance;
So fun is well mixed with work; I must state
That they are all wonders at talk and debate.
Red Deer, Alta.

ALICE ANN GRANT.

### How the O.S.A. Girls Made Their First Cake

They measured out the butter with a very solemn air, The milk and sugar also, and they took the greatest care To count the eggs correctly, and to add a little bit Of baking powder, which, you know, beginners oft omit. Then they stirred it all together, And they baked it for an hour—But they never quite forgave themselves For leaving out the flour.

### Common Sayings of the Household Science Teachers

Miss Goldie - "Oh joy." "Isn't that cute?"

Miss Lyon - "Jove." "Try the stove, girls." "Oh, that
Moe man makes me mad!"

Miss Melsaac - "Yes, dear." "Have you got it now?"

,-0

### What the Household Science Teachers Like

Miss Goldie—Candy, and quick orders to prepare luncheon for innumerable guests.

Miss Lyon—Yellow violets; gasoline and coal stoves. Miss McIsaac—Her patients.

### THIS WASHER MUST PAY FOR ITSELF

A MAN tried to sell me a horse once. He said it was a fine horse and had nothing the matter with it. 1 wanted a fine lorse, hut, I didn't know

it. I wanted a nne anything about horses much. And I didn't know the man

very well either.
So I told him I wanted to

So I told him I wanted to try the horse for a month: He said "All right, but pay me first, and I'll give you hack your money if the horse isn't alright."

Well, I didn't like that. I was afraid the horse wasn't "alright" and that I might have to whistle for my money if I once parted with it. So I didn't buy the horse, sithough I wanted it hally. Now this set me thinking. You see I make Washing

You see I make Washing Machines—the "1900 Grav-ity" Washer. And I said to myself, lets

of people may think about my Washing Machine as I thought about the horse, and about the man who



Our "Gravity" design gives greatest convenience, as well as ease of operation with quick and therough work. Do not overlook the detachable tub feature.

But I'd never know, he cause they wouldn't write and tell me. You see, I sell my Washing Machines hy mail. I have sold over half a million that way. So, mail. I have sold over half a million that way. So, thought I, it is only fair enough to let people try my Washing Machines for a month, lefore they pay for them, just as I wanted to try the horse.

Now, I know what our "1700 Gravity" Washer will do. I know it will wash the clethes, without wearing or tearing them, in less than half the time they can be

or tearing them, in less than half tre three they can be washed hy hand or hy any other machine.

I know it will wash a tuh full of very dirty clothes in Six minutes. I know no other makine ever invented can do that without wearing the clothes. Our "1900 Gravity" Washer does the work so easy that a child can run it almost as well as a strong woman, and it does not have the clother for the days not have held.

child can run it almost as well as a strong woman, and it don't wear the clother, fray the edges nor hreak huttons, the way all other machines do.

It just drives soapy water clear through the fibres of clubes like a force pump might.

So, said I to myself, I will do with my "1900 Gravity" Washer what I wanted the man to do with the horse. Only I won't wait for people to ask me. I'll offer first, and I'll make good the offer every time.

Let me send you a "1900 Gravity" Washer on a mosth's free trial.

offer first, and I'll make good the offer every time. Let me send you a "1900 Gravity" Wasfer on a month's free trial. I'll pay the freight out of my own pocket, and if you don't want the machine after you've used it a month, I'll take it hack and pay the freight, too. Surely that is fair enough, isn't it. Doesn't it prove that the "1900 Gravity" Washer must he all that I say it is?

must he all that I say it is?

And you can pay me out of what it saves for you. It will save its whole cost in a few months in wear and tear on the clothes alone. And then it will save 50 to 50 cents a week over that on washwoman's wages. If you keep the machine after the month's trial, I'll let you pay for it out of what it aves you. If it saves you 60 cents a week, send me 50c a week till paid for. I'll take that cheerfully, and I'll wait for my money until the machine itself earns the halance.

Drop me a line to-day, and let me send you a book ahout the "1900 Gravity" Washer that washes clothes in six minutes.

Address me personally:

A K. MORRIS, Manager. "1900" Washer Co., 357 Yonge St., Toronto, Canada

(Factory: 79-81 Portland St.)

# IT PAYS To Trade at Duff's

COAL . PAINTS . OIL GLASS . . STOVES HOUSE FURNISHINGS TINWORK . PLUMBING

We try to make our service so good that doing business with us is mutually advantageous

If our goods are not right, let us buy them back at the same price

J. DUFF & CO. OLDS Phone No. 8

# **Dairy Products** Wanted

### HAYS & CO. Ltd. Of CARSTAIRS & CALGARY

Producers and Distributors of High-Grade Dairy Products

Pay the highest market price for good Churning Cream, Sweet or Pay weekly by Express Sour. Money Order, and pay all Express Charges.

Honest Measure and honest . . . Test Guaranteed . . .

BILL YOUR CREAM TO

HAYS' DAIRY, CALGARY, ALTA.

### UNIVERSAL COOKERY AT O. S. A.

Of cooking educational to write I now commence— It is indeed a subject of tremendous consequence; And I trust no irritation you will venture to display, As my trials for two years I endeavor to portray.

First I learned to wash the dishes in a scientific way, And to wash and hang the towels in the place where they must stay; The terms of cooking shortened, and the cleaning of the sink— Not a single point omitted, did our lady teachers think.

Next came the carbohydrates, such as cellulose and starch; Protein, mostly found in meat, useful when we march; The mineral salts, the which preserve and also build our frame; And then the fats that warm us on this cold Alberta plain.

We find many nations represented all our cook-book through— Norwegian pudding, Spanish buns, French rolls and Swedish, too; But among these friendly dishes don't put the German bread, For they need it in their country to feed the ones not dead.

In some dim mysterious future that same cooking-book you'll find Among my dearest treasures has the foremost place assigned, For between its pasteboard covers I, unhesitating, say There are many tested recipes—the best the baker sells—That will prove the art of cooking at the O.S.A. excels.

C. H. R. S.

## PROVERBS OF SOLOMON (REVISED) 71. 71

- I. Whose keepeth the law is a wise man, but he who smasheth the O.S.A. furniture lightens his eaution fee.
- II. Study the heart with all diligence, for out of it are many murmurs.
- III. "Bluff" profiteth not in the day of wrath, but hard work DELIVERETH at Exams.
- 1V. If thine enemy hunger feed him Lyon's soups, but forget not to pass the stomach tube.
- V. Train up a child in the way he should go, and when he is old he will be an orator like Higginbotham.

# RALPH J. CUTTEN

# HARDWARE Ford Automobiles and Accessories of all kinds

WHY 1 Your Mone

Send Your Money to Catalogue Houses?

WE WILL MEET THEIR PRICES

OLDS - - ALBERTA

### **INITIATORY EXERCISES**

OWING to the great predominance of freshies over sophomores, the initiation ceremonies this year were of a comparatively lenient nature. The sophs., fearing annihilation at the hands of the said freshies if hostilities became open, enticed them to the college one evening shortly after our arrival, promising a chance to trip the light fantastie. It was found, however, that the program was something like the following:

A boxing bout had been arranged between "The Featherweight Fury," Mr. Robbie Gratz, and Mr. Paul Marnach, alias "The Heavyweight Hurricane." Mr. Gratz, be it notieed, weighs only 373½ lbs. avoirdupois in his stockinged feet, after his annual ablutions. With his shoes on he weighs 433½ lbs. Marnach, being built on beef lines, and not having trained down, tipped the beam at 65 lbs. In the third round "The Fury" stopped a right hander with his solar plexus and took the count from Referec Menzies. Featherweight Gratz was so affected by his ignominious defeat that he immediately stopped training and has since become an inveterate smoker.

Then came the freshies' turn to suffer. Apples and peanuts suspended from strings were devoured, the use of the eaters' fore-paws being forbidden; flat-sided onions were rolled across the platform with tender noses; dry erackers were eaten by whistling experts; the expresident revolved rapidly in a horizontal position on a piano-stool; amateur tailors threaded needles

while sitting on bottles from which they apparently had been imbibing; a string of suckers was exhibited; and free aeroplane flights were given which had a rather strong reaction on E. C. Menzies, the chief initiator.

The evening ended happily in a dance. "FRESHIE."

### The Omnipresent Mr. Moe

Theodore Moe. O melodious name! Is a long-suffering janitor of O.S.A. fame.

fame. With "vell, vell, by golly," and "vell, vell, allright,"

He seek to impress a respect for his might.

Like a little tin god, he rules o'er the roost,

Till sometimes we long to give him a boost.

With shufflings and mumblings he appears to obey

The thousands of jobs that await him each day.

With "Moe, fix the pressure," and "Moe, fix the light,"

His conflict of duties is a terrible sight.

With downstairs needing coal, and upstairs wanting water,

He says things that seem to make the air hotter.

But when Moe's feeling good—by golly, he's fine.

So three cheers for Theo, to fill in this line.

L. L. Lyon.

#### Wanted-

A RECOGNITION of my musical ability. Block.

THE GUY who cut me out.

Gorman.

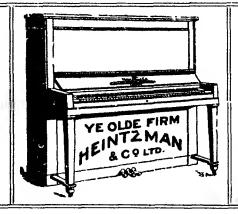
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Some of the Leading Institutions where HEINTZMAN & CO. Pianos are used in Alberta:

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Mount Royal School, High School, Alberta Ladies' College, Red Deer Normal School, Camrose

Robertson College, Edmonton Technical School, Edmonton

Your present Piano taken as part payment on a new Heintzman & Co. Piano or Player Piano. Easy terms of payment if desired.

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When answering advertisements kindly mention the A. S. A. Magazine

### Sophomores Entertained

N Wednesday, February 10th, occurred one of the most brilliant social events of the " Freshies " college year. The entertained the Second-Year Girls and the Faculty at a Pink Tea. Promptly at 4.30 p.m., Miss Archibald, hostess for the occasion, took up her position at the tea-room door, receiving in a stunning blue and white duck gown, designed and planned by Mlle. Goldic. The first guests to arrive were the Ladies of the Second Year. They entered with great eclat—Miss Welch finding it necessary to be received twiceand seated themselves in artistic display (of fect) about the four walls of the room. At 5.55 o'clock the Ladies of the Faculty and staff were announced, and with them clawned the realization that the gentlemen were "declining with pleasure," and would not be present.

Foreseeing the calamity that such a condition of affairs would occasion, Miss Ford hit upon the clever plan of delegating a dozen girls to go below and wait upon any male member of the faculty who might be in the office, bringing him by force, if necessary, to the scene of action. Accordingly numerous "Freshies" gladly volunteered, and soon the Faculty's lair was mobbed—Mr. Mitchener being the victim. The aforesaid gentleman was duly conducted to the tea-room and forthwith proceeded to consume and devour all the scientifically and sanitarily prepared viands within reach. A moment later Mr. Höleton was captured in the corridor, and from that time on Miss Phillips, who "poured"

in her usual cherubic manner, was kept busy smiling and filling teacups. Barring a few minor incidents—such as the spilling of her hot tea by Miss Murray, the eating of one gentleman's perfectly innocent sandwich by Miss Lyon, and the depositing of a few cubes of superflous sugar under the davenport by Miss Nelson—the function was an unqualified success.

### GIRLS' ATHLETICS

THE first athletics the girls in the 1914-15 classes of the O.S.A. aspired to enter were in connection with the field-meet. Sad to relate their ambitions were cruelly disappointed as a heavy frost and snowfall made the meet impossible. The girls were to have entered ball-throwing and nail-driving contests, also walking contests, etc. Prizes were purchased to be bestowed upon the victorious ones and are being kept in cold storage for future use.

The next attempt at sports took the form of basket-ball which was considerably more of a success, the team having some good practice games with the O.S.A. Boys and High School Girls. Some of the girls purchased sweaters which were to be worn by the team, and looked very charming in them indeed.

In the early portion of the school year the boys built a rink which was used extensively by the masculine sex. Towards the close of the year, when the ice was becoming soft and there were other attractions, the boys graciously permitted the girls to skate upon such nights as they were not using the rink for hockey practice.

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### STUDENTS' Y. M. C. A.

OUR Student Y.M.C.A. has been very strongly supported this year. It got a splendid start with over fifty members among the students and professors. The following officers were elected for this term:—President, D. M. Black; Vice-President, A. H. Baker; Secretary, G. L. Flack; Chairman of the Committee on Memberships and New Students, H. R. Thornton; and Chairman of the Committee on the Study of Rural Problems, H. Higginbotham.

A class for the Study of Rural Problems was started and proved to be one of the most valuable activities of the Association. It has held meetings regularly on Sunday afternoons to discuss every-day country problems from a thoroughly practical standpoint. Mr. A. V. Mitchener kindly consented to lead the studies and has taken great pains to make the discussions lively and helpful.

It is hoped that we will be able to hold a good big Students' Rally Service probably on the 28th of February, the Universal Day of Prayer for Students.

In the first steps of our organization we were greatly helped by Miss Jamieson, who visited us on November 27th, representing the National Council of the Y.W.C.A. Mr. E. H. Clarke, Student Sceretary of the Canadian National Council, spent a day with us on January 8th, and assisted us very much in outlining a definite course of action.

We also had the pleasure of visits from two other speakers during

January, Mr. J. S. Woodsworth, Secretary of the Canadian Welfare League, who gave us two intensely practical lectures on Rural Problems, and Mr. C. G. Hounshell, who gave us a splendid address on the Student Volunteer Movement.

Our work this year has not been very extensive but we trust that it will be continued and grow to fill a very important place in the student life of our college. D. M. Black.

### THE O.S.A. ORCHESTRA

SHORTLY after the opening of the School of Agriculture the O.S.A. Orchestra was organized with Geo. R. Holcton as manager and director.

Its object was to cultivate the musical ability of the students who play orchestral instruments, and incidentally to furnish music for the various school functions.

The excellency of the organization is largely due to the assistance of a number of the local musicians who have kindly contributed their services on numerous occasions.

Besides furnishing music for the literary meetings, evening lectures, debates, banquets, and dancing parties at the school, music has been supplied for a number of public meetings in the town.

The complete personnel of the orchestra is as follows:—

Violins — Carol Stewart, Jesse Block, Fred Falkner, Mrs. C. C. Hartman, Frank Henderson and Stanley Cook. Flute—Robt. Martin. Clarionet—Geo. R. Holeton. Cornet—Ross Silverthorne. Trombone—W. J. Elliott. 'Cello—John Savage. Drums — Otto Miller. Piano—Arnold Baker.

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### ATHLETICS--Hockey the Feature

ROM the athletic standpoint the O.S.A. has had a most successful season. The weather being fine in the fall when school opened, there was a considerable amount of football and baseball practice, which showed up plenty of good material. Although no schedule games were played, there would have been little difficulty in picking out winning teams in both these branches of sport.

Our athletes did some fine work in the short period of training which they had. A field meet was arranged between the O.S.A. and the Olds High School, but unfortunately the weather turned severely cold and this notable event had to be post-

poned.

As it was impossible to obtain a place in which to play basket ball, during the early part of the season, the game did not flourish as well as it might have done. However, a hall in the town was rented later, and judging from the practice games, we could have put out teams, both of boys and of girls, which would have well sustained the reputation of the O.S.A.

Boxing and wrestling came into prominence a few days after opening, and a marked improvement has been shown with practice. These games require a quick eye, cool temper, activity and stamina, the very qualities our healthy country-bred boys possess.

Being modest we have refrained from self-praise hitherto, but the success of our hockey team has surpassed the hopes of the most optim-

istic.

A start was made on the school rink in December, but owing to the weather it was found impossible to finish it before Christmas. However, thanks to some of the students who stayed in Olds during the Christmas vacation, we had a good rink by the first week in January.

The first game of the season was played on Dec. 21, against the Olds town team, when we were defeated by a score of 8-4. This result rather encouraged us than otherwise, as our boys had had practically no practice whatever, and were up against what has been for years one of the best teams in this part of the province.

Our next game — the hardest fought of the season—was with the Red Deer Rovers on Jan. 18. The ice was soft, which made combination almost impossible. After playing ten minutes' overtime the score stood 3-3, and it was decided to play off the tie later.

The proceeds from this game, which were the largest from any game ever held in Olds, went to the Patriotic Fund. Both teams were entertained to dinner at the college, after the game, by Hon. Duncan Marshall.

On Jan. 28 our team defeated Didsbury on their rink by a score of 7-0. In this game our defence men made some sensational individual rushes, scoring four out of the seven goals.

On Jan. 22 we defeated the Olds High School team on our own rink, the score being 3-0.

A few evenings later our second team defeated the High School by

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### HOCKEY THE FEATURE

(Continued)

the same margin, 3-0.

On Feb. 3 we again played the Olds town team. The score after twenty minutes' extra play was 1-1. This was one of the best games of the scason, the score showing the improvement in our team since the first game.

The Claresholm S.A. team came up to Olds on Feb. 6 to play the first game between Schools of Agriculture in Alberta. The final score was 7-2 in favor of the O.S.A. The game was a good, clean, interesting contest.

The Didsbury team played us a return match on Feb. 8 at Olds, when we again won by a score of 5-2.

On Feb. 10 we played off our tie with the Red Deer Rovers, and although we took their scalp by a score of 8-5, it was by no means an easy task, the Rovers scoring the first two goals, after which we gained the lead and kept it.

The return game with Claresholm S.A. was played at Claresholm on Feb. 12. The score at half-time was 3-2 in favor of Claresholm, but in the last half the Olds team got going and scored four goals in ten minutes, the final score being 6-3 in our favor.

Much credit is due to the students who have so loyally supported the team by attending the games and also by financial support.

Mr. McNally: -- "Drew, give us a sentence using the word 'disguise'."

Drew:—"Dis guy's got my note book."

#### SOCIAL EVENTS

OUR social life began with a reception given by the staff.
This took place on the evening of the first Friday of the fall term. A short program, consisting mainly of an initiation of all the students, was followed by a dance. Dainty refreshments were served, and dancing broke up at midnight.

This was followed a week later by a dance given by the students. Games were provided for those who did not dance, and a very enjoyable evening was spent.

Several small dances were held during the term, the music being provided by the school orchestra. The Social Committee takes this opportunity of expressing its appreciation of the splendid music provided for these evenings.

The social gatherings of the fall term ended with a Christmas tree. All the members of the staff and the students drew numbers, and bought presents, the price not exceeding 15 eents. These presents were put on the tree with the numbers drawn. On the evening of the tree everybody drew other numbers. Then, as Santa Claus called out the numbers on the presents, those who held the corresponding numbers came to the front, received each one a mysterious package, and opened it before the whole assembly. There was even a present for Santa, but he could not eat it on account of his whiskers interfering, although everyone enjoyed the fragrance of that lovely onion sandwich!

The social side has been well maintained in the spring term.

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